

AUTHOR INDEX

A

Aaron, T. H., 160, 161, 162, 163, 166
 Aas, K., 114
 Abbott, K. H., 89
 Abbott, L. C., 266
 Abrams, A., 188
 Abramson, W., 182
 Acheson, A. H., 402
 Acheson, G. H., 220
 Adair, F. E., 193
 Adams, J. C., 262
 Adams, M. R., 158, 159
 Adams, R. A., 403
 Adams, R. C., 352
 Adams, R. D., 103
 Adams, W. S., 332, 359
 Addis, T., 97, 99, 104
 Adlersberg, D., 73, 136, 382
 Adriani, J., 222, 307, 308
 Adson, A. W., 240, 241, 242
 af Björksten, G., 233
 Ahearn, R. E., 224
 Ahlberg, A., 260
 Ahrens, E. H., Jr., 108, 381
 Ainsworth, G. C., 9
 Aird, R. B., 406
 Albanese, A. A., 107, 385
 Albright, F., 114, 115, 116, 117, 377
 Albrink, W. S., 113
 Alexander, B., 294
 Alexander, F., 63, 72, 89
 Allen, A. C., 97
 Allen, A. van, *see* van Allen, A.
 Allen, A. W., 38, 44
 Allen, D. S., 85
 Allen, E., 180
 Allen, E. V., 71, 73, 397
 Allen, F. M., 128
 Allen, H. E., 366
 Allen, H. S., 297
 Allen, J. G., 321, 323, 332, 383
 Allen, R. P., 114
 Allen, W. M., 193
 Allison, J. B., 294
 Allott, E. N., 369
 Alm, T. W., 290
 Alonso, L., 158, 159
 Alpers, B. J., 236, 239, 240, 241
 Alsever, J. B., 297
 Alstad, K. S., 72
 Alston, E. F., 282
 Alt, H. L., 364

Altemeier, W. A., 4, 9, 174, 258

Althausen, T. N., 38

Altman, K. I., 355

Altmann, A., 365

Alvarez, W. C., 41, 404

Alverson, C., 4

Alwall, J., 118

Amberson, W. R., 113

Amdur, M. O., 381

Ames, A., 3rd, 146

Amory, H. I., 232

Amspacher, W. H., 21

Amyes, E. W., 311

Andersch, M. A., 303

Andersen, H. A., 44

Anderson, F. M., 242

Anderson, H. C., 16, 17

Anderson, K., 22

Andervont, H. B., 182, 183

Andrews, G. A., 359

Andrews, G. W. S., 63, 64

Andrews, W. H., 295

Andros, G. J., 223, 224

Andrus, W. D., 381

Angier, R. B., 359

Anigstein, L., 6

Anker, H., 9

Anker, R., 138, 360

Anlyan, A. J., 187

Anning, S. T., 117

Antopol, W., 366

Apgar, V., 412

Appel, K. E., 252

Appelbaum, E., 12

Applebaum, I., 366

ApThomas, I., 191

Aramburu, T., 138, 139, 140, 359, 361, 362, 363

Aranburn, T., 391

Aranow, H., Jr., 73, 403

Arbesman, C. E., 159, 160, 161, 162, 165, 166

Archibald, R. M., 111

Arellano, A. P., 232

Arieff, A. J., 239

Armstrong, J. B., 110

Armstrong, S. H., Jr., 108, 109

Arner, B., 173

Arneson, A. N., 210, 215

Aronoff, S., 105

Aschenbrucher, H., 356, 357, 358

Ash, R., 102

Ashkenazy, M., 240

Ashman, R., 102

Assali, N. S., 220, 221

Astwood, E. B., 318, 379, 393

Atchley, D. W., 129

Atkinson, M., 350

Atkinson, W. B., 202

Atlas, L. T., 26

Attyah, A. M., 61

Aub, J. C., 320, 330

Auerbach, O., 67

Austin, G., 234, 235

Autopol, W., 9

Avery, O. T., 189

Axelrad, A. A., 322

Axelrod, A. R., 359, 364

Ayash, J. J., 345

Ayre, J. E., 208

Ayres, J. C., 238

B

Bachrach, L., 18

Bacon, H. E., 11

Bacq, Z. M., 73

Badenoch, W. W., 111

Badgley, C. E., 257

Baer, R. L., 162, 163, 166, 174

Baggenstoss, A. H., 53, 54, 101, 115, 116, 141

Bahnson, E. R., 381

Bailey, C. A., 396

Bailey, C. G., 85, 86

Bailey, C. P., 85, 279

Bailey, P., 231

Baird, J. W., 305

Baker, A. B., 239

Baker, C., 70, 84

Baldwin, E. de F., 69, 73

Baldwin, J. S., 69

Balfour, D. C., 44, 45

Balint, P., 114

Ball, J., 105

Ball, M. R., 298, 299

Ballinger, J., 65

Baltz, J. I., 48

Bannerjee, D., 362

Barach, A. L., 276

Barbarow, G., 159

Barber, M., 11

Barby, W. J., 361

Barclay, A. E., 101, 111

Bard, L., 55

Bargen, J. A., 37

Barker, D. N., 384

Barker, G. B., 240

Barker, N. W., 384, 397

Barnes, A. R., 64, 67

Barnes, D. W. H., 288

AUTHOR INDEX

Barnes, J. J., 226
 Barnes, M. W., 366
 Barness, L. A., 109
 Barnett, G., 25
 Barnett, H. L., 110
 Baron, H. C., 147
 Baronofsky, I. D., 79, 80
 Barr, J. H., Jr., 110
 Barr, J. S., 264
 Barron, D. H., 112
 Barron, E. S. G., 380, 381
 Bartels, E. C., 393
 Barton, W., 87
 Bartz, Q. R., 8
 Bassett, A. M., 379
 Bassett, R. C., 238
 Batchelor, T. M., 384
 Bateman, J. C., 364
 Bateman, J. E., 261
 Bates, J. I., 242
 Batuuchok, W., 88
 Batterman, R. C., 39, 313,
 314, 400, 410
 Bauer, J. M., 117
 Bauer, W., 23
 Bauman, L., 52
 Baumler, A., 117
 Baur, H., 153
 Baxter, J., 128, 130
 Baxter, J. H., 107
 Baylor, J. W., 347, 348
 Beal, G. A., 21
 Bean, W. B., 62, 64
 Beard, O. W., 71
 Beattie, E. J., 272
 Beatty, C. H., 294
 Beck, C. S., 85, 87, 88, 240,
 409
 Beck, D., 277
 Beck, D. F., 69
 Beck, R. D., 117
 Becker, D. E., 358
 Beckman, W. W., 385
 Bedinger, P. L., 383
 Beecher, H. K., 111, 114
 Beer, B. V. A. L., *see Low-*
 Beer, B. V. A.
 Begtrup, H., 381
 Beham, H., 174
 Behnke, A. R., Jr., 136
 Behrmann, V. G., 384
 Belayew, D. D., 65
 Belding, H. W., 45, 359, 362
 Beling, C. A., 290
 Bell, E. T., 97, 100, 105,
 110, 111
 Bell, H., 318
 Bell, H. G., 191
 Bell, J. A., 277
 Bellet, S., 142, 144
 Bellucci, R. J., 166
 Belnap, W. D., 240
 Benda, C. E., 238
 Bender, D. H., 11
 Bendich, A., 392
 Benedict, R. G., 9
 Beninson, J., 6
 Benioff, M. A., 191, 282
 Benjamin, L. P., 330
 Bennett, T. I., 42
 Bennett, T. R., 211, 212
 Beno, T. J., 70
 Bensley, R. D., 112
 Benton, J. G., 410
 Berenblum, I., 185
 Bergenstal, D. M., 398
 Berger, E. Y., 111, 134
 Berger, F. M., 306, 408
 Berglund, G., 235
 Bergman, H. C., 112
 Bergner, G. W., 377
 Berk, H. T. J., 412
 Berk, J. E., 50, 381
 Eerk, L., 138, 139, 358, 359,
 360, 361
 Berk, M. S., 174
 Berkman, J. I., 110
 Berkson, J., 37, 379
 Berlin, N. I., 319
 Berliner, R. W., 114, 115,
 146
 Berman, J. R., 4, 11
 Berman, L., 359, 364
 Berman, S., 304
 Bernheim, A. I., 112
 Bernstein, H. E., 369
 Bernstein, I. J., 110
 Bernstein, T. B., 159, 161,
 162, 163, 165, 166
 Berry, G., 349
 Berry, J. J., 359, 363
 Berry, J. W., 282
 Berry, R. E. L., 91
 Berry, W. C., 192
 Best, A. M., 238
 Best, C. H., 412
 Bethell, F. H., 138, 140,
 359, 360, 361, 363, 392
 Bevans, M., 117
 Bezer, A. E., 173
 Bhende, T. M., 362, 363
 Bichel, J., 191
 Bielschowsky, F., 182
 Bier, A., 409
 Pierbaum, O. S., 359, 363
 Bierman, H. R., 191, 192
 Bierman, W., 163
 Biesele, J. J., 187
 Bigelow, N., 310
 Bill, A., 81
 Bill, A. H., Jr., 81
 Bills, C. E., 134
 Bing, R. J., 70, 80, 81, 82,
 113
 Binger, M. W., 109
 Bingham, D. L. C., 43
 Biorck, G., 62
 Bird, E. J., 384
 Bird, O. D., 359
 Birkhofer, L., 356
 Bishop, R. C., 139
 Biskind, G. R., 181
 Biskind, M. S., 181
 Bittner, J. J., 182
 Bjork, V. O., 87
 Black, D. A. K., 101, 297
 Blacker, A. M., 368
 Blackwood, W., 231
 Blades, B., 272
 Blake, A. D., Jr., 109
 Blake, F. G., 25
 Blake, J., 141
 Blake, W. D., 62, 67
 Blakemore, A. H., 48
 Blalock, A., 80, 81, 82, 83,
 84, 85, 88
 Blalock, W., 83, 84
 Blanchard, M. C., 26, 27
 Bland, E. F., 85, 87
 Blankenhorn, M. A., 4
 Elecha, E., 132
 Elegan, E., 114
 Bliss, E. A., 9, 395
 Block, M., 321, 323
 Block, M. A., 299
 Block, M. H., 323
 Block, P., 379
 Block, W. M., 107, 108
 Blood, D. W., 72, 130
 Bloom, D., 174
 Bloom, M. C., 367
 Bloom, N., 364
 Bloom, W., 317
 Bloom, W. L., 99
 Bloomfield, A. L., 4, 11
 Bloomfield, R. A., 62
 Bloom, A., 364
 Blum, H. F., 183
 Blumberg, R. W., 109
 Blumenthal, L. B., 161, 162,
 163
 Blumgart, H., 322
 Blumgart, H. C., 67
 Blumgart, H. L., 67, 82
 Blunt, J. W., Jr., 116
 Boas, E. P., 73, 382
 Bobb, F. S., 258
 Bobb, J. R. R., 115
 Bobbio, A., 43
 Bockus, H. L., 52
 Bodansky, O., 381
 Bodian, D., 238
 Boehler, J., 269
 Boehler, L., 269
 Boger, W. P., 394
 Bogoch, A., 165

Bohmanson, G., 292
 Bohn, C. L. S., 361
 Bohnhoff, M., 10, 11
 Boisvert, P. J., 13
 Boisvert, P. L., 14, 15, 16,
 17, 18
 Bollman, J. L., 45, 56
 Bolomey, A., 134
 Bolyard, M. A., 183
 Bonsdorf, B., 362
 Bookman, J. J., 133
 Boone, B. R., 61
 Boorman, K. E., 368, 369
 Booth, J. H., 359
 Boots, R. H., 11
 Borchardt, P. R., 66, 67
 Bordley, J. E., 347, 349
 Bors, E., 235
 Borst, J. G. G., 108, 117
 Bosch, D. T., 290
 Boshes, B., 239
 Bost, F. C., 257, 266
 Bosworth, D. M., 259, 266
 Bothe, A. E., 322
 Bouchard, J., 241
 Bouman, H. D., 239
 Bourne, W., 306
 Bouvet, M., 244
 Bowen, R., 166
 Bower, A. G., 239
 Bowins, H. H., 211
 Bowman, M. C., 80
 Boyd, H. B., 267
 Boyd, L. J., 108, 160, 166
 Boyland, E., 192, 193
 Boyle, A. J., 384
 Bradford, B., Jr., 272
 Bradley, D., 335
 Bradley, G. P., 101, 103,
 109, 112, 113
 Bradley, S. E., 62, 67, 71,
 101, 103, 108, 109, 112,
 113, 115, 129
 Bradley, W., 408
 Bradley, W. F., 41
 Bradley, W. I., 306
 Bradshaw, H. H., 80, 81
 Brainerd, H. B., 6, 7
 Brambel, C. E., 398
 Brandenberg, R. O., 359
 Brandsma, K., 136
 Branning, W. S., 142
 Brannon, E. S., 62, 63
 Braude, A., 21
 Braudie, A. I., 9, 21
 Brauer, R. W., 381
 Braun, A. C., 180
 Braun, K., 64
 Bray, K. E., 308
 Breed, E., 134
 Brem, J., 161
 Brendler, H., 192
 Brennan, A. J., 165, 166
 Brenner, J. J., 105, 110
 Breton, A., 155
 Brewer, B. J., 269
 Brewer, J. I., 204, 205
 Breyster, E., 219
 Brick, H., 243, 364
 Brickhouse, R. L., 6
 Brink, N. G., 137, 360, 391
 Brittain, H. A., 260, 261
 Brock, R. C., 70, 84
 Brockmyer, M. L., 308
 Brodal, A., 231
 Brode, W. R., 379
 Brodie, B. B., 310
 Brodman, K., 253
 Bronitsky, J., 262
 Browder, J., 234
 Brown, A., 362, 363
 Brown, A. M., 9
 Brown, B. B., 155
 Brown, D. D., *see* Denny-
 Brown, D.
 Brown, E., 2
 Brown, E. A., 161, 162, 163,
 164, 165, 166
 Brown, G. E., Jr., 71, 81, 82
 Brown, G. P., 392
 Brown, H. A., 6
 Brown, H. R., 82
 Brown, H. S., 403
 Brown, J. B., 298
 Brown, J. R., 239
 Brown, M., 239
 Brown, M. R., 144
 Brown, N., 161, 162, 163,
 166
 Brown, R. A., 359
 Brown, W. A., 298
 Brown, W. G., 68
 Browne, H. S., 71, 73
 Browne, J. S. L., 290
 Brownlee, G., 9
 Broyles, E. N., 351
 Brozek, J., 136, 252
 Bruce, M. D., 114
 Brucer, M., 135
 Bruck, E., 101, 117
 Brues, A. M., 183, 317, 321
 Bruger, M., 381
 Brun, C., 114
 Bruno, M. S., 114
 Brunschwig, A., 213
 Brust, A. A., 220
 Bruyn, H. B., Jr., 6, 7
 Bryan, W. M., 223, 224
 Bryan, W. R., 183
 Bryant, J. M., 65, 132
 Bryant, R. D., 221
 Bryer, M. S., 7, 9, 273, 366,
 395
 Bryson, C. C., 364
 Brzezenski, A., 369
 Buchanan, O. H., 313, 314
 Bucher, G. R., 45
 Bucht, H., 61
 Buchtal, F., 233
 Buckle, G., 23
 Bucy, P. C., 231, 234, 241
 Buka, R., 322
 Bukantz, S. C., 155
 Bull, G. M., 109, 118
 Bull, J. P., 293, 298, 299
 Bumbalo, T. S., 117
 Bunch, R. F., 232
 Bunn, D., 380
 Bunn, P. A., 237
 Bunting, H., 113
 Burch, G. E., 62, 91, 108
 Burchard, E. M. L., 253
 Burchell, H. B., 67, 69, 70,
 71, 81, 82, 101, 141, 143
 Burchenal, J. H., 358, 392
 Burchenal, J. R., 392
 Burge, J. C., 68
 Burgess, A. M., 71
 Burgos, M., 219
 Burk, L. B., 115
 Burke, F. G., 7, 100, 102
 Burkett, C. L., 398
 Burkholder, P. R., 8, 295,
 394, 395
 Burnett, C. H., 108, 111,
 114, 115, 116, 117
 Burrows, B. A., 103, 108,
 141
 Burstein, C. L., 305, 310
 Burwell, E. L., 113
 Bush, L. F., 267
 Bustamante, O. S. de, *see*
 de Bustamante, O. S.
 Butler, A. M., 134, 379
 Butler, D. C., 293
 Butler, M. D., 242
 Butsch, M. P., 107, 108
 Butt, H. R., 47
 Butz, Q. R., 395
 Buxton, C. L., 202
 Buyze, H. G., 359
 Bywaters, E. G. L., 111,
 113

C

Cahill, G. F., 73
 Cairns, H., 235, 236
 Cajori, F. A., 381
 Caldwell, G. A., 265
 Caldwell, J. D., 207
 Caldwell, M. H., 359
 Callahan, E. J., 144
 Callender, S. T., 138, 364,
 365
 Calnan, C. D., 363

AUTHOR INDEX

Cambier, M. J., 3
 Cameron, A., 405
 Cameron, D. C., 362
 Campbell, B., 173
 Campbell, D. A., 272
 Campbell, D. C., 138, 361
 Campbell, J., 225
 Campbell, J. A., 70, 80, 81, 82
 Campbell, J. B., 241
 Campbell, J. G., 186
 Campbell, K. N., 91, 296
 Campbell, M., 70, 84
 Campbell, W. M., 287
 Campon Da Paz, A., 200
 Canfield, N., 349
 Cappell, D. F., 369
 Cardozo, E. L., 102
 Cargill, W. H., 62, 101, 108
 Carini, E., 231
 Carliner, P. E., 161, 162, 164, 165, 166, 350, 399
 Carnes, W. H., 69
 Carnicelli, T. J., 364
 Caroline, L., 357
 Carpender, J. W. J., 322
 Carpenter, A., 109
 Carpenter, G., 360, 361, 362, 363
 Carr, C. J., 303
 Carr, D. T., 6, 276
 Carr, J. G., 184
 Carroll, R. E., 261
 Carrothers, E. L., 356
 Carruthers, C., 188
 Carryer, H. M., 165
 Carter, B., 87
 Carter, B. N., 88
 Carter, H. R., 309
 Cartwright, G. E., 140, 356, 357, 358, 360, 363, 364
 Casarett, G. W., 355
 Caspari, E., 188
 Caspersson, T., 187
 Cassady, H. A., 109
 Cassiano, P., 380
 Castaneda, M. R., 21
 Castle, W. B., 138, 139, 358, 359, 360, 361, 365, 367, 383
 Castleman, B., 63, 64, 243
 Castro-Mendoza, H., 108
 Cattell, R. B., 51
 Cavelti, E. S., 98, 173
 Cavelti, P. A., 98, 173
 Cayer, D. C., 403
 Cazzullo, C. L., 238
 Chaikoff, I. L., 318, 379
 Chain, E., 398
 Chamberlain, W. E., 331
 Chambers, F. W., 332
 Chambers, R., 398
 Chandler, E. A., 395
 Chandler, F. A., 259
 Chaney, A. L., 379, 382
 Chapin, J., 369
 Chapman, C. B., 136
 Chapman, D. W., 284
 Chapman, E. M., 318, 322
 Chapman, F. W., 384
 Chapman, O. D., 25
 Chapman, W. H., 332
 Chapman, W. P., 41
 Charlter, R., 73
 Charnley, J. C., 260, 262
 Chasis, H., 114, 134
 Chatterton, C. C., 258
 Chaudhuri, M. N. R., *see* Rai Chaudhuri, M. N.
 Chaudhuri, R. N., 139
 Chen, G., 158
 Chen, K. K., 158, 407
 Cherkasky, M., 141
 Chernoff, H. M., 66
 Chess, D., 155
 Chevallier, P., 358
 Chinard, F. P., 107, 108
 Chipman, J., 146
 Chiray, M., 49
 Chisholm, B., 253
 Chittenden, G. E., 8
 Chor, H., 239
 Choremis, K., 236, 237
 Chorobski, J., 238
 Chow, B. F., 385
 Christensen, E. L., *see* Landboe-Christensen, E.
 Christensen, E. M., 309, 313, 314
 Christensen, N., 70
 Christian, H. A., 97
 Chu, C. M., 367
 Church, E. H., 107
 Churchill, E. D., 63
 Churchill, J. A., 399
 Clagett, O. T., 56, 70, 71, 80, 81, 82, 243, 279
 Clark, J. G., 158
 Clark, J. R., 139, 363
 Clark, W., 7
 Clark, W. G., 332
 Clark, W. H., 13
 Clark, W. O., 355
 Clarke, L. P., 27
 Clegg, J. W., 192
 Cleland, J. G. P., 224
 Clemmons, J. J., 113
 Clerf, L. H., 351
 Cleveland, M., 266
 Clinton, M., Jr., 114
 Cloward, R. B., 237
 Cluff, L. E., 364
 Clute, K. F., 112
 Co, F. J. F., *see* Farrerons-Co, F. J.
 Coblenz, B., 69
 Coddington, F. L., 114
 Coggeshall, H. J., 17
 Cogswell, R. C., 48
 Cohen, I. B., 380
 Cohen, J., 241
 Cohen, M. E., 103
 Cohen, P. P., 188, 380
 Cohen, S., 27, 365
 Cohen, S. M., 233
 Cohn, C., 385
 Cohn, R., 85
 Cole, H. N., 110
 Cole, W. H., 50, 51, 294, 381
 Colebrook, L., 299
 Coler, H. R., 136
 Collen, M. F., 39
 Coller, F. A., 91, 296
 Collins, B. E., 348
 Collins, H. S., 3, 6, 7, 8
 Colmers, R. A., 366
 Colonna, P. C., 265
 Colp, R., 41
 Colsten, J. A. C., 192
 Comfort, M. W., 37, 50, 52, 54, 55, 56
 Commons, R. R., 108, 114, 115, 117
 Comroe, J. E., 381
 Concepcion, I., 349
 Condon, R. J., 396
 Cone, W. V., 241
 Conley, W. H., 384
 Connor, A. C., 379
 Connor, G. J., 298
 Conrad, K. K., 222
 Constantiniades, V., 236, 237
 Contratto, A. W., 132, 134
 Cooke, C., 7
 Cooksey, W. B., 108, 109
 Cooley, T. B., 366
 Coombs, R. R. A., 366, 367
 Coon, J. M., 310
 Cooney, J. P., 331, 332
 Cooper, A. M., 385
 Cooper, C., 174
 Cooper, F. W., Jr., 90, 91, 319
 Cooper, I. S., 235
 Cooper, S. R., 72, 89
 Cooper, W. A., 44
 Cooperberg, A., 138
 Cope, O., 298, 380, 394
 Corcoran, A. C., 101, 113
 Corday, E., 61, 319
 Coret, I. A., 9
 Cormia, F. E., 173
 Cormican, H. D., 109
 Correll, J. W., 382

Corson, S. A., 108
 Cort, J. H., 112
 Coss, J. R., Jr., 11
 Cossio, P., 86
 Costello, C., 42, 292
 Cosulich, D. B., 359
 Cotlove, E. W., 410
 Cotzias, G. C., 107, 108
 Counsellor, V. S., 216
 Cournand, A., 61, 62, 69
 Courtice, F. C., 288
 Coville, F., 145
 Cowan, D. R., 185
 Cowdry, E. V., 185
 Cox, A. J., 182
 Cox, H. R., 6
 Craafoord, C., 48, 80
 Craig, W. M., 71, 73, 89, 233
 Craig, W. S., 236
 Crail, H. W., 364
 Crampton, J., 128, 130
 Craver, L., 281
 Crawford, A. S., 234, 235
 Credner, K., 73
 Crego, C. H., Jr., 257
 Cress, C. H., 232
 Criep, L. H., 160, 161, 162, 163, 166
 Crimson, J. M., 108, 110
 Cristol, D. S., 322
 Crocker, T. T., 8
 Cromwell, H., 281
 Cronkite, E. P., 332
 Cronovich, J., 62
 Crosbie, J. M., 383
 Crowe, S. J., 340, 347, 348, 351
 Cruichaud, S., 154
 Cruickshank, E. W. H., 287
 Crutchfield, G., 241
 Culbertson, J. W., 297
 Cullen, S. C., 409
 Cullen, W. G., 306
 Cullumbine, H., 155
 Cuneo, H. M., 232, 237
 Cupp, M. N., 332
 Currens, H., 134
 Currens, J. H., 144
 Curreri, A. R., 279
 Currier, W. D., 349
 Curry, J. J., 101, 172
 Curtis, G. M., 321, 379
 Curtis, J. B., 232
 Curtis, M. R., 182, 183
 Curtiss, L. F., 326
 Custer, G. S., 70
 Cutbush, M., 369, 370
 Cutler, E. C., 50, 85
 Cutler, H. H., 377
 Cutting, W. C., 24
 Cuylar, W. K., 208

Dacie, J. V., 366
 Dack, S., 36
 Da Costa, C., 215
 Dailey, M. E., 403
 Daily, L., Jr., 161
 Daily, R. K., 161
 Daland, G. A., 365, 366, 383
 Daley, R., 105
 Dalgaard, J. B., 203
 Dallas Ross, W. P., 299
 Dalton, A. J., 182
 Dameshek, W., 364, 366, 367, 383
 Dammann, J. F., 84
 Dammin, G. J., 155
 Damon, LeG. A., 243
 Dandy, W. E., 351
 Daniel, P. M., 101, 111
 Danowski, T. S., 141, 143, 144, 145, 385, 393
 Darby, W. J., 361
 Darling, D., 380
 Darlington, C. D., 188
 Darmady, E. M., 111
 Darrow, D. C., 143, 145
 Darrow, R. R., 369
 Das Gupta, C. R., 139
 Dashill, G. F., 55
 David, N. A., 243, 313, 314, 405
 Davidoff, E., 243
 Davids, A. M., 204
 Davidson, C. S., 385
 Davidson, H. A., 254
 Davidson, L. S. P., 139, 357, 359, 363
 Davies, C. E., 64
 Davies, D. L., 306, 307
 Davies, G. R., 243
 Davis, A. G., 259, 263
 Davis, A. K., 384
 Davis, H. H., 297
 Davis, J. P., 364, 367, 406
 Davis, L., 240
 Davis, L. J., 363, 364
 Davis, M. E., 199
 Davis, V. I., 107
 Davison, G., 238
 Davison, N. S., 161, 162, 165, 166
 Davson, J., 99, 105
 Dawson, I. M., 367
 Dawson, J., 117
 Day, L. A., 140
 Day, M. K., 351
 Dean, J. V. B., 102
 DeBakey, M., 87, 91, 92
 De Biase, S., 385
 de Bustamante, O. S., 272
 Decker, A., 264

DeCoursey, E., 331
 Deeb, A. A., 65
 De Eds, F., 182
 De Elio, J. F., 243
 de Gara, P. F., 17
 DeGowin, E. L., 297
 DeGraff, A. C., 410
 de Gutierrez-Mahoney, C. G., 231
 De Jalon, P. G., 243
 DeLalla, V., 82
 DeLangen, C. D., 113
 de Leeuw, N. K. M., 144
 Delorme, E., 118
 Demerec, M., 10, 11, 184
 De Monbreun, W. A., 22
 Dennis, E. W., 90, 91, 293, 311, 312, 319
 Dennison, W. M., 258
 Denny-Brown, D., 138, 139, 233, 361
 Dent, C. E., 117
 de Partearroyo, F. R., 272
 Deringer, M. K., 183
 DeRobertis, E., 219
 Derow, H. A., 99
 de Takats, G., 54, 89, 90, 91
 Deterling, R., 81, 412
 Dethier, F. M., 99
 Deutsch, M., 327
 DeVito, E., 395
 de Vleeschhouwer, G. R., 409
 Deyerle, H. P., 85
 Deyke, V. F., 364
 Dexter, J., 61
 Dexter, L., 67, 71
 Diamond, L. K., 369, 370
 Diaz, C. J., 108
 Diaz-Rivera, R. S., 105
 Dibble, J. H., 48
 Dick, G. F., 129
 Dick, G. W. A., 238
 Dickie, H. A., 279
 Dickson, J. A., 261, 268
 Diddle, A. W., 211, 212
 Dieckmann, W. J., 223, 224, 358
 Dienes, L., 23
 Dill, W. A., 8
 Dillon, B. J., 111
 Dingle, J. H., 14, 26
 Dinwiddie, W. C., 158
 Dirken, M. N. J., 65
 Discombe, G., 365, 369
 Dittebrandt, M., 385
 Dixon, C. F., 56
 Dju, D., 146
 Doan, C. A., 98, 364, 365
 Dobriner, K., 190
 Dobson, J., 260

Dobyns, B. M., 318, 380, 394
 Dochez, A. R., 341
 Dock, W., 134
 Dockerty, M. B., 38, 213
 Dodd, B., 369
 Dodds, B. E., 368
 Dodds, D. C., 403
 Dodds, T. C., 231
 Doenges, J. P., 398
 Doerfler, L. G., 349
 Dohan, F. C., 110
 Dolby, D. E., 117
 Dole, V. P., 111
 Dolgin, M., 66
 Dolloff, M. J., 383
 Domenjoz, R., 409
 Donohue, W. L., 369
 Donovan, E. T., 243
 Novick, R., 6
 Doutigny, P., 71
 Doolittle, G. M., 243
 Dopkeen, S. K., 398
 Dornberger, G. R., 52
 Dotti, L. B., 381
 Dow, J., 42
 Dow, J. W., 17, 18
 Dowling, H. F., 1, 3, 6, 10, 235, 236
 Dowzenko, M. R., *see* Rozwadowski-Dowzenko, M.
 Doyle, G. B., 294
 Dozois, T. F., 24
 Dozzi, D. L., 52
 Drabkin, D., 380
 Dragstedt, C. A., 399
 Dragstedt, L. R., 40
 Dreisbach, R. H., 24, 155
 Dreker, I. J., 160
 Dreyer, N. B., 155
 Drew, A. L., 408
 Dripps, R. D., 283, 308
 Driscoll, W., 225
 Driver, J. R., 110
 Druckerman, L. J., 41
 Dry, T. J., 69, 70, 284
 Dso, L., 146
 Dubach, R., 364
 Dubnik, C. S., 182
 Dubosh, J. J., 358
 Ducoff, H. S., 321
 Dueker, H. W., 241
 Duff, G. L., 382
 Duggar, B. M., 6
 Dunham, W., 22
 Duncan, J. M., 299
 Dunn, M. S., 117
 Dunn, R. W., 317
 Dunn, T. B., 183
 Dunning, M. F., 144
 Dunning, W. F., 182, 183
 Dunphy, J. E., 291
 Duran-Reynals, F., 398
 Durkin, L. S., 243
 Dustin, A. P., 364
 Duthie, E. S., 398
 Dworin, M., 399
 Dyer, R. E., 277
 Dyke, L. H., Jr., 114
 Dynes, J. B., 244
 Dyniewicz, J. M., 381

E

Eagle, H., 5, 9
 Earl, D. H., 348
 Earle, D. P., Jr., 101, 115
 Earle, W. R., 180
 Eastlake, C., Jr., 276
 Eastman, N. J., 225
 Eaton, L. M., 243
 Eaton, M. D., 24
 Ebeling, L. C., 188
 Echlin, F., 242
 Echols, D. H., 234, 235
 Eck, W. F. *van, see* van Eck, W. F.
 Eckert, C., 264
 Eckhardt, R. D., 385
 Eddy, N. B., 408
 Edelman, J. S., 411
 Eder, H. A., 107, 108
 Edison, A. O., 6
 Edmondson, H. A., 53, 106
 Edwards, J. E., 70, 83
 Eggers, G. W. N., 269
 Eggeston, A. A., 166
 Egner, W., 383
 Ehrenfeld, I., 39, 400
 Ehrenhaft, J. L., 269
 Ehrlich, J., 8, 395
 Eichna, L. W., 115
 Eichorn, K. B., 379
 Eisele, C. W., 21
 Eisenmenger, W. J., 381
 Eisleb, O., 407
 Ekenhoff, J. E., 398
 Elford, W. J., 367
 Elghammer, R. M., 383
 Elias, H., 160
 Eliel, L. P., 144
 Elion, G. B., 392
 Elkin, D. C., 90, 91, 319
 Elkins, C. W., 241
 Elkinton, J. R., 115, 141, 144, 145, 385
 Ellinger, F., 332
 Ellinger, G. F., 61
 Elliott, J. A., 48
 Ellis, A., 99
 Ellis, L. B., 62, 85, 86, 366, 410
 Elman, R., 51, 53, 319
 Elquin, T., 364

F

Faber, H. K., 365
 Faber, M., 381
 Fabritius, H. F., 237
 Fabrizio, A., 11
 Fahlund, G. T. R., 45
 Fahrenbach, M. J., 359
 Falger, E. F. J. H., 363
 Fallis, L. D., 48
 Faloon, W. W., 385
 Fanconi, G., 117, 365
 Fanger, H., 99
 Farber, E. M., 366
 Farber, S., 191, 192, 282

Farifas, P. L., 272
 Farmer, A. W., 298
 Farrerons-Co., F. J., 153
 Farrior, J. B., 348
 Faulconer, A., Jr., 304
 Faure, J., 232
 Fauteux, M., 88
 Fay, J., 356, 357, 360
 Feeley, D. A., 25
 Feemster, R. F., 228, 238
 Feil, H., 67, 87, 88
 Feinberg, A. R., 159
 Feinberg, S. M., 159, 160,
 161, 162, 163, 165, 166
 Feinstone, W. H., 159
 Feitelberg, S., 327
 Fekete, E., 398
 Feld, M., 244
 Feldman, M. D., 174
 Feldman, W. H., 6, 276, 395
 Ferguson, R. G., 280
 Ferraro, A., 238
 Ferrebee, J. W., 99, 129
 Ferrer, M. I., 69
 Ferris, D. O., 118
 Ferris, E. B., 130, 220
 Ferris, E. J., 200
 Ferry, R. M., Jr., 146
 Fertman, M. B., 321, 364
 Fetterman, J. T., 407
 Field, J. B., 332
 Fields, I. A., 53, 296
 Filinski, W., 380
 Finch, C. A., 113, 143, 320,
 356, 357, 366, 378
 Findlay, C. N., Jr., 82
 Findlay, G. M., 27
 Fine, J., 118, 294, 296
 Fineman, S., 232
 Fink, K., 318
 Fink, R. M., 318
 Finkel, M. P., 183
 Finkelman, I., 239
 Finland, M., 3, 6, 7, 8, 138,
 139, 277, 361, 366
 Fiorentini, S., 361
 Firor, W. M., 180
 Fischel, E. E., 98
 Fischer, A., 380
 Fischer, H., 113
 Fischer, P., 73
 Fisher, E. D., 238
 Fisher, J. A., 71, 367
 Fisher, M. W., 274
 Fisher, R. A., 368
 Fisher, R. S., 105
 Fishler, M. C., 332
 Fishman, A. P., 364
 Fishman, W. H., 187
 Fisk, E. L., 135
 FitzGerald, G. W., 112
 Fitzgerald, R. P., 68

Fleischman, R., 8
 Fleischner, F. G., 61
 Fleming, F., 100, 103
 Flemming, J. G., 221
 Fletcher, D. E., 98
 Flieg, W., 61
 Fliegelman, M. T., 382
 Flippin, H. F., 394
 Flood, C. A., 39
 Flothow, P. G., 87
 Floyd, C., 189
 Flowers, C. E., 224, 225,
 226
 Fluharty, R. G., 320, 321,
 357, 379, 380, 394
 Flynn, J. M., 143
 Foley, E. F., 380
 Folk, B. P., 145
 Folkers, K., 137, 360, 391
 Foote, F. W., 208
 Foote, M. N., 322
 Forbes, G. B., 366, 367
 Forbes, J. C., 46
 Ford, L. T., 265
 Forman, N., 321
 Formijne, P., 100
 Forsham, P. H., 377, 378
 Forster, F. M., 239, 241,
 243
 Fort, C. A., 105
 Foster, W. D., 396
 Fostevin, L., 227
 Foulkes, S. H., 253
 Foulks, J., 115, 146
 Fowell, D. M., 61, 63
 Fowler, E. F., 89, 90, 91,
 193
 Fowler, E. P., 350
 Fox, C. L., Jr., 108
 Fox, H. J., 361, 363
 Fox, K. W., 267
 Fox, M. J., 228
 Francke, C., 136
 Franco Morante, A., 272
 Frank, C. W., 364
 Frank, E. D., 118
 Frank, H. A., 118, 294, 296
 Frank, J., 253
 Frank, W. R., 298
 Frankel, C. J., 257
 Frankl, W., 117
 Franklin, A. L., 359
 Franklin, K. J., 101, 111
 Franklin, M., 381
 Frankson, C., 224
 Frantz, I. D., 187
 Frantz, V. K., 319
 Fraser, R. W., 292, 377
 Freedberg, A. S., 67, 322
 Freedman, H., 236
 Freeman, L. W., 235
 Freeman, N. O., 80

Freeman, S., 117
 Freeman, W., 244
 Freis, E. D., 73, 289, 411
 Fremes, I. A., 369
 Fremont-Smith, M., 44, 205
 French, J. D., 241
 French, L. A., 191, 233
 Frenckner, P., 48
 Frenkel, J. K., 238
 Frenkel, M., 142
 Freyberg, R. H., 117
 Freyhan, F. A., 252
 Fricke, R. E., 211
 Friedemann, U., 155
 Friedenberg, Z., 234, 235,
 265
 Friedlaender, A. S., 161,
 162, 163, 166
 Friedlaender, S., 160, 161,
 162, 163, 166
 Friedlander, E., 283
 Friedlander, G., 335
 Friedlander, S., 159
 Friedman, C. L., 129
 Friedman, M., 283
 Friedman, M. D., 404, 407
 Friedman, S. M., 129
 Friou, G. J., 16
 Frodshorn, E., 294
 Frohlicher, R., 113
 Frommeyer, W. B., Jr., 359
 Frost, B. M., 6
 Frost, E., 381
 Frost, J. K., 191
 Frovig, A. G., 237
 Fryer, M. P., 298
 Fuchs, J. E., 172
 Fulton, J. K., 161, 162
 Furmanski, A. R., 234
 Furrer, W., 348
 Furstenberg, F. F., 161,
 162, 165, 166
 Furth, J., 179
 Fuster, B., 243
 Futcher, P. H., 132, 133

G

Gabrilove, J. L., 385
 Galán, E., 109
 Galbraith, A. L., 133
 Galdston, M., 111
 Gale, E. F., 2
 Gale, J. W., 279
 Gall, E. A., 48
 Gallagher, J. P., 234
 Gallie, W. E., 262
 Galli-Mainini, C., 219
 Gambill, E. E., 53, 54, 403
 Gamon, G. D., 399
 Gange, P. D., 225

AUTHOR INDEX

Gara, P. F. de, *see de Gara, P. F.*

Garber, S. T., 221

Garceau, G. J., 257

Gardella, J. W., 99

Gardner, C., 110

Gardner, F. H., 366, 367

Gardner, L. B., 366

Gardner, R. E., 80

Gardner, W. I., 242

Gardner, W. J., 236, 242, 311

Gardner, W. U., 181

Garin, L., 364

Garofalo, C. J., 166

Garrison, F. H., 391

Gartley, K. M., 382

Gass, H., 141

Gastaut, H., 238

Gastinean, C. F., 165

Gaston, E., 321, 323

Gates, O., 191

Gauld, W. R., 110

Gay, L. N., 158, 159, 160, 161, 162, 164, 165, 166, 171, 350, 399

Gazes, P. C., 144

Geisler, M. A., 68

Gelfan, S., 294

Gelfand, M. L., 105

Cellis, S. S., 26

Gendel, B. R., 365

Genest, J., 62

Gephhardt, M. C., 381

Geraci, J. E., 69, 70

Geren, B. B., 117

German, W., 233

Gessler, A. E., 187

Gey, G. O., 180

Geyer, R. P., 146

Ghormley, R. K., 73, 258

Gibbon, J. H., Jr., 87

Gibbs, E. L., 232, 243

Gibbs, F. A., 243

Gibson, C. D., 7, 273

Gibson, J. G., 320, 357

Gibson, S., 82, 84

Gilbert, J., 383

Gilbey, B. E., 368

Gilchrist, A. R., 72, 89

Giles, M. D., 385

Giles, N. H., Jr., 333

Gill, A. B., 257, 268

Gilman, A., 114, 146, 154, 159

Gilman, J., 115

Gimbel, N. S., 108

Ginsberg, H. S., 24

Ginzburg, L., 174

Gipstein, B. L., 405

Giraldi, E., 111

Girdwood, R. H., 139, 357, 359, 363

Givre, A., 241

Gjessing, E. C., 189

Glasser, O., 294, 295

Glauber, J. J., 348

Glazko, A. J., 8

Glick, A. W., 173

Glick, D., 190

Glover, R. P., 85, 279, 281

Glueck, H. I., 69

Goddard, J. W., 110

Goddard, L., 158, 159

Goebel, W. F., 24

Goetsch, A. T., 357

Goetz, R. H., 73, 92

Goggio, A. F., 24

Gold, H., 63, 410

Gold, M. M. A., 98

Goldberg, H., 295

Goldberg, H. P., 17

Goldberger, E., 68

Goldblatt, H., 46, 71

Goldbloom, A. A., 383

Goldenberg, H., 112

Goldenberg, M., 403, 412

Goldenburg, C., 73

Goldie, E. A., 318

Goldman, A., 282

Goldman, L., 174, 321, 366

Goldman, M. L., 71, 132, 133

Goldner, M. G., 382

Goldring, W., 71, 72, 127, 134

Goldsmith, E. D., 398

Goldsmith, G. A., 365

Goldstein, O., 4

Goldstein, S. L., 240

Goll, E. A., 87

Goll, L. S., 358

Gomori, G., 382

Gomori, P., 114

Gonzales, J. M. L., *see Lascano-Gonzalez, J. M.*

Gonzales, T. A., 332

Good, C. A., 243, 284

Goodall, H. I., 362

Goodall, J. W. D., 362

Goodell, J. P. B., 323

Goodhart, C. E. D., 113, 306

Goodier, T. E. W., 113, 306

Goodman, L. S., 401, 407

Goodman, M. J., 65

Goodpastor, W. E., 113

Goodpasture, E. W., 22, 27

Goodrich, F. W., 222

Goodwin, W. E., 112

Gordh, T., 224

Gordon, D. A., 278

Gordon, E. B. S., *see Sonn-Gordon, E. B.*

Gordon, E. S., 233

Gordon, H. H., 363

Gordon, S., 83

Gordon-Taylor, G., 42

Gore, I., 103

Gorens, S. W., 146

Goth, A., 187

Gottfried, S. P., 107

Gould, J., 65

Govaerts, P., 114

Govan, A. D. T., 357

Govan, C. D., Jr., 143, 363

Gow, R. C., 142, 144, 145

Gowdrey, J. F., 61

Goytia, R. S., 21

Grace, W. J., 37

Grady, H. G., 185

Graessle, O. E., 6

Graf, J. P., 305

Graff, S., 183, 383

Graffagnino, P., 224, 226

Graham, A., 225

Graham, B. E., 172

Graham, E. A., 85

Graham, J. B., 298

Graham, J. D. P., 158, 159

Graham, M. P., 242

Graham, R. M., 44, 191, 208

Graham, R. R., 50

Granger, G. R., 234, 235

Granick, S., 356

Grant, F. C., 234, 235, 239

Grant, G., 294

Grant, R. T., 290

Grantham, E. C., 235

Grasby, E. D. Y., 112

Grau, S., 66

Graubard, D. J., 309, 409

Graul, W. P., 259

Gray, E. H., 112

Gray, H. K., 40, 45, 50

Gray, S. J., 291, 380, 381

Grayzel, M., 216

Green, R., 8, 396

Green, R. H., 24

Green, T. H., 191

Greenberg, M., 28

Greenberg, S., 410

Greene, D. G., 69, 73

Greene, H. S. N., 186

Greenman, L., 142, 144, 145, 385

Greenstein, J. P., 179, 187, 189

Greenwood, J., Jr., 241

Greer, M. A., 318

Greer, W. E. R., 364

Gregersen, M. I., 288, 294

Gregg, N. M., 227

Gregorius, F., 184

Gregory, J. E., 16

Greif, R. L., 108, 385

Grey, C. E., 187
 Grier, R. S., 330
 Griffith, H. R., 306
 Griffits, J. J., 20
 Grimson, K. S., 88, 89, 91,
 92, 404, 405
 Grinker, R. R., 231
 Grinastein, M., 355, 358
 Grishman, A., 36
 Griswold, D., 403
 Giswold, H. E., 70, 80, 81,
 82
 Grob, D., 381
 Groedel, F. M., 66, 67
 Groen, J., 142
 Gröllman, A., 128, 130
 Grönwall, A., 292
 Grosjean, W. A., 182
 Grossman, B. J., 383
 Grossman, M. I., 400
 Gross, E. G., 309, 313, 314
 Gross, R. E., 79, 80, 81, 82,
 83
 Gross, S. W., 241
 Grossbard, P., 215
 Grossman, J., 411
 Grossman, M. I., 37
 Grotziner, P. W., 322
 Groupe, V., 24
 Gruhitz, O. M., 8
 Gubner, R., 73
 Guest, G. M., 143
 Guggenheim, A., 284
 Gugle, L. J., 284
 Guild, S. R., 347, 350
 Guisti, L., 219
 Gunton, R. W., 288
 Gurdjian, E. S., 234, 235
 Gusberg, S. B., 213, 214
 Gutierrez-Mahoney, C. G.
 de, *see* Gutierrez-
 Mahoney, C. G.
 Gutman, A. B., 107
 Guy, E. G., 8, 395
 Guy, R., 368
 György, P., 46, 117, 398

H
 Haag, H. B., 403
 Haagensen, C. D., 183
 Habel, K., 27
 Haberman, S., 368, 369
 Haddow, A., 191
 Haddow, A. J., 238
 Haden, R. L., 366
 Hadley, L. A., 234
 Haex, A. J. C., 48
 Hagey, H., 257
 Haggart, H. H., 324
 Hahn, F. P., 356
 Hahn, G. L., 165, 400

Hahn, P. F., 191, 321, 323
 Haimovici, H., 401
 Hain, A. M., 205
 Haines, S. F., 321, 379
 Hakanson, E. V., 190
 Hald, P. M., 143, 384
 Hale, D. E., 311
 Haley, A. E., 278
 Haley, J. J., 155, 158
 Haley, T. J., 154, 155, 158,
 332
 Hall, A. D., 108
 Hall, B. E., 138, 140, 359,
 361
 Hall, C. E., 128
 Hall, L., 382
 Hall, W. H., 9, 18, 21
 Hallman, N., 109
 Halpern, B. C., 365
 Halpern, B. N., 154, 158,
 159, 164, 398, 400
 Halpern, R. M., 4, 24
 Halton, P., 73
 Halvey, R. R., 161, 162
 Ham, J. C., 278
 Ham, T. H., 366
 Hamann, A., 37
 Hamblen, E. C., 205
 Hambre, D., 24
 Hamburger, J., 97, 101
 Hamburger, M., 4, 11
 Hamburger, M., Jr., 13
 Hamburger, V. G., 13
 Hamilton, F. E., 244
 Hamilton, J. G., 379
 Hamilton, P. B., 111, 296
 Hamilton, W. F., 61
 Hamlin, L. E., 282
 Hammarstrom, S., 89
 Hampelmann, L. H., 333
 Hampil, B., 27
 Hand, E. A., 382
 Handelsman, J. C., 70, 80,
 81, 82
 Handley, G. A., 61
 Hanger, F. M., 380
 Hanlon, C. R., 84, 85
 Hanlon, L. W., 410
 Hannon, T. R., 205
 Hansen, A., 234, 235
 Hansen, H. H., 269
 Hansen, P. F., 381
 Hansen-Preuss, O. C., 359
 Hardin, R. C., 297
 Hardy, H. L., 278
 Hardy, W. G., 349
 Hare, H. F., 241
 Harger, R. N., 304
 Hargraves, M. M., 383
 Hargreaves, E. R., 239
 Harken, D. E., 85, 86
 Harkins, H. N., 118

Harmel, M. H., 239, 252
 Harper, K. H., 67
 Harrell, G. T., 3
 Harrington, S. W., 36, 37
 Harris, D. H., 154, 155, 158
 Harris, H., 332
 Harris, M. C., 166
 Harris, S., 16, 27
 Harris, T. N., 16
 Harrison, C. V., 64
 Harrison, H. E., 113
 Harrison, T. R., 128, 130
 Harsing, L., 114
 Hartelius, H., 251
 Hartman, F. W., 48, 113,
 384
 Hartman, M. E., 108
 Hartmann, M., 405
 Harvey, A. C., 298
 Harvey, A. M., 243, 381,
 409
 Harvey, H. D., 44
 Harvey, J. O., 7
 Harvey, R. M., 69
 Harvey, S. D., 409
 Hasting, N., 112
 Hauser, H., 241
 Havens, W. P., 238
 Hawes, W. E., 322
 Hawkins, D. R., 107
 Hawkins, J. E., Jr., 6
 Hawn, C. van Z., 98
 Haxthausen, H., 282
 Hay, E. C., 71
 Hay, J. D., 363
 Hayes, G. J., 244
 Haymaker, W., 233, 238
 Haynes, F. W., 61
 Hays, H. W., 155, 405
 Hayward, G. W., 63, 73
 Hazard, R., 382
 Heath, R. D., 260
 Heath, R. G., 244, 252
 Heatly, A. C., 351
 Hecht, H. H., 67, 68
 Hechter, O., 398
 Heck, F. J., 367
 Hedlund, S., 62, 319
 Heemstra, H., 65
 Heftmann, E., 385
 Hegsted, D. M., 146, 356
 Heide, E. C. von der, *see*
 von der Heide, E. C.
 Heidelberger, C., 184
 Heilman, F. R., 3, 6, 273
 Heimberg, F., 118
 Heimburger, R. F., 234, 235
 Heinbecker, P., 87
 Heinemann, M., 379
 Heinle, R. W., 138, 360,
 363, 366
 Heino, H. E., 129

AUTHOR INDEX

Heisler, A., 160
 Hejtmancik, M. R., 65
 Hellums, H. K., 61
 Heller, E. L., 105
 Hellerstein, H. K., 66
 Hellman, L. M., 224, 225,
 226, 369
 Hellman, L. P., 253
 Hellman, N., 108
 Hench, P. S., 260, 396
 Henderson, A. R., 164
 Henderson, A. T., 161, 162,
 166
 Henderson, L., 232
 Henderson, L. L., 110
 Hendricks, J. E., 348
 Hendrix, J. P., 91, 405
 Henle, G., 27
 Henle, W., 27
 Henry, M. D., 267
 Henschel, A., 135, 136
 Hensen, N., 405
 Henshaw, P. S., 183
 Herbut, P. A., 111, 239
 Herman, E., 238
 Herman, M., 283
 Herman, N. B., 161, 162,
 165, 166
 Hernberg, C. A., 362
 Herrell, W. E., 3, 272, 273
 Herrmann, G. R., 65
 Herrmann, O. R., 411
 Hersey, J., 331
 Hersh, A. H., 382
 Hershenson, L. M., 383
 Hershenson, M. A., 383
 Heston, W. E., 180, 181,
 183
 Heubner, R. J., 277
 Heuper, W. C., 159
 Heuscher, J. E., 409
 Heusner, A. P., 236
 Hevesy, G., 288, 335
 Hewer, A. J., 6, 306, 307
 Hewer, T. F., 71, 113
 Hewitt, W. L., 3, 6, 173
 Heymann, W., 108, 109
 Heymans, C., 409
 Hickam, J. B., 62, 101
 Hickey, M. D., 366, 367
 Hicks, M. L., 166
 Hieger, I., 183
 Hiehle, W. W., 339
 Higgins, W. H., 69
 Hightower, F., 80, 81
 Hightower, J. A., 8
 Hilden, T., 114
 Hill, A. G., S. 165
 Hill, J. M., 296, 368, 369,
 384
 Hill, L. M., 7, 395
 Hiller, A., 108, 111, 385
 Hiller, F., 239
 Hilles, C. H., 13
 Hillman, C. C., 135
 Hills, A. G., 378
 Hilton, J. G., 114
 Himmelstein, A., 61, 62, 69
 Hinckley, J. J., 73
 Hines, E. A., 70, 73
 Hines, E. A., Jr., 397
 Hines, L. E., 72
 Hingron, R. A., 104, 221,
 224, 225, 226
 Hinshaw, H. C., 6, 274, 275,
 276, 279, 395
 Hinton, J. W., 88, 89
 Hiratzka, T., 68
 Hirschboeck, J. S., 384
 Hirschfeld, H., 348
 Hirsh, H. L., 3, 10, 235,
 236, 273
 Hirvonen, A., 362
 Hitchcock, H. H., 263
 Hitchings, G. H., 392
 Hjartarson, G. D., 244
 Hoagland, C. L., 380
 Hobbs, A. H., 254
 Hobby, G. L., 2, 274
 Hobson, J. A., 306, 307
 Hobson, L. B., 6
 Hockstein, E., 105, 110
 Hodes, R., 233
 Hodges, P. C., 40
 Hodgesen, J. E., 213
 Hodgson, J. R., 36
 Hoefer, P. F. A., 233
 Hoen, T. I., 235
 Hoerr, S. O., 291
 Hoff, E. C., 112
 Hoff, H. E., 66, 146
 Hoffbauer, F. W., 48
 Hoffman, E. F., 199
 Hoffman, J. G., 33
 Hoffman, M. J., 82
 Hoffman, W. S., 114
 Hofman, A., 404, 405
 Hogan, E., 159
 Hogg, L., 299
 Hogness, K. R., 190
 Holbrook, W. A., 8, 21
 Holden, L. B., 232, 240
 Holland, H., 309
 Holland, J. F., 364
 Holler, J. W., 142
 Hollman, C. A., 369
 Holman, C. W., 43, 292
 Holman, E., 82, 84
 Holmes, R. O., 69
 Holmgren, A., 61
 Holt, J. F., 403
 Holtfreter, J., 188
 Holtz, P., 73
 Homburger, F., 385
 Hoobler, S. W., 73, 220,
 402, 403
 Hoover, M. J., 290
 Hooper, J. Jr., 381
 Hooper, M. E., 173
 Horan, M. J., 64
 Horan, T. N., 364
 Horger, E. L., 67, 141, 143
 Horlick, L., 382
 Horn, R. H., 105
 Horne, H. W., 235
 Horning, E. S., 180, 193
 Horrax, G., 236, 241
 Horsfall, F. L., 24
 Horton, B. T., 161, 164,
 165, 404
 Horton, C., 272
 Horton, C. E., 165, 166
 Horton, R. J. M., 228
 Horwitz, S. A., 111
 House, H. P., 349
 Houssay, B. A., 219
 Howard, H. H., 105
 Howard, J. E., 114, 115, 117
 Howard, R. M., 161, 162,
 166
 Howard, R. R., 182
 Howarth, S., 63
 Howson, J. Y., 212
 Hubinot, P., 368
 Hueper, W. C., 155, 184
 Hufnagel, C. A., 80
 Huggins, C., 190, 192, 385
 Huggins, R. A., 61
 Hughes, B., 117
 Hughes, H. O., 369
 Hughes, J. G., 104
 Huguley, C. M., 356, 357
 Hultquist, M. E., 359
 Hume, D. M., 378
 Humphrey, J. H., 98, 112
 Humphreys, E. M., 48
 Humphreys, S. R., 358
 Humphries, G. H., 282
 Hunter, M., 133
 Hunter, R. B., 155, 162, 165
 Hurst, E. W., 238
 Hurst, J. G., 368
 Hurwitt, E. S., 81
 Hurxthal, L. M., 378
 Huseby, R. A., 182
 Huss, J. H., 383
 Huston, E., 113
 Huston, J., 113
 Hutchings, B. L., 359
 Hutchins, G., 108, 109
 Hutchison, D., 276
 Hutchison, J. H., 363
 Huttner, C. P., 399
 Hyde, B., 234
 Hydén, H., 251

I

Iannucci, J. F., 145
 Ibrahim, H., 183
 Ingelfinger, F. J., 45, 362
 Ingelman, B., 292
 Ingelman-Sunderburg, A., 356
 Ingersoll, F. M., 206
 Ingraham, F. D., 241
 Ingraham, R. C., 295
 Ingram, J. T., 117
 Inman, V. T., 264
 Innes, E. M., 363
 Iob, V., 296
 Ireneus, C., Jr., 51
 Irvine, J. W., 320
 Irwin, E. A., 24
 Irwin, L., 134
 Isbell, H., 313, 314
 Isberg, E. M., 72, 89
 Iseri, L. T., 384
 Isler, H., 405
 Israel, H. L., 394
 Itano, H. A., 365, 383
 Iversen, S., 184
 Ivy, A. C., 37, 45, 239, 400

J

Jack, W. W., 172, 175
 Jackenthal, R., 134
 Jackson, A., 305
 Jackson, E. B., 8
 Jackson, R. L., 107, 108
 Jacob, J. E., 365
 Jacobs, M. D., 385
 Jacobson, B. M., 139
 Jacobson, L. O., 321, 323, 332
 Jacobson, M., 348
 Jacobson, S. D., 359, 384
 Jacobson, S. N., 364
 Jacoby, J. J., 310
 Jacoby, N. M., 238
 Jacox, H. W., 212, 319
 Jaeger, M. S., 158, 159
 Jaeger, R., 240
 Jaffe, R., 182
 Jaffe, W. G., 182
 Jager, B. V., 380, 381
 Jambor, W. P., 6
 James, G. W., 3rd, 289, 290, 357, 358, 363
 Janeway, C. A., 98, 108, 109
 Jarotsky, A., 85
 Jarrold, T., 364
 Jasper, H. H., 232, 242, 243
 Jawetz, E., 4, 25, 367
 Jefferson, G., 240

Jefferson, R. N., 365
 Jellinek, A., 348
 Jenkins, D. W., 24
 Jennings, J. J., 113
 Jenson, E. V., 190
 Jervic, G. A., 238
 Jesberg, S., 351
 Job, P. K., 220
 Joekes, A. M., 118
 Johnson, B., 9
 Johnson, C. D., 27
 Johnson, C. E., 379
 Johnson, E., 79
 Johnson, H. W., 200, 226
 Johnson, J., 80
 Johnson, M. A., 13
 Johnson, R. E., 357, 363
 Johnston, F. D., 65, 68
 Johnston, F. R., 212
 Johnston, S. F., 392
 Jones, A. M., 67
 Jones, B. F., 381
 Jones, C. M., 41, 48
 Jones, D. C., 332
 Jones, D. P., 232
 Jones, E., 361
 Jones, F., 368, 369, 384
 Jones, F. A., 42, 112
 Jones, H. B., 184
 Jones, H. O., 204
 Jones, J. C., 79, 80
 Jones, P. J., 356, 363, 364
 Jones, T. D., 17, 18
 Jongbloed, J., 87
 Jonsson, U., 140
 Jordan, M. L., 332
 Jordan, S., 41
 Jorpes, E. P., 397
 Joselyn, D. A., 395
 Joskow, J., 380
 Joslyn, D. A., 8
 Judd, A. R., 164
 Juers, A. H., 349
 Jukes, T. H., 139, 359, 360
 Julian, O. C., 89, 91

K

Kabat, E. A., 173, 380
 Kahler, H., 183
 Kahlson, G., 37
 Kahn, E. A., 244
 Kaiser, I. R., 202, 204
 Kaiser, M. E., 399
 Kalter, S. S., 25
 Kamen, M. D., 355
 Kane, L. W., 27
 Kanof, N. B., 174
 Kaplan, E. B., 261
 Kaplan, H. S., 181
 Kaplan, I. I., 202
 Karandikar, G., 379

Kark, R. M., 357, 358, 363
 Karlsson, A. G., 6, 276
 Karnell, J., 62
 Karni, H., 62
 Karnofsky, D. A., 191, 192
 Karnosh, L. J., 239
 Kartus, S., 138, 139, 140, 361, 362, 363
 Kattus, A. A., 62
 Katz, E., 276
 Katz, E. S., 349
 Katz, L. N., 66, 129, 382
 Katz, S., 308
 Kaufman, I. C., 232, 364
 Kaufman, P., 117
 Kaufman, S., 234
 Kaufman, W., 66
 Kaufmann, J., 138
 Kay, C. F., 98
 Kay, E. B., 272
 Kayden, H. J., 113
 Keating, F. R., Jr., 321, 379
 Keating, R. P., 62
 Keefer, C. S., 3, 6
 Keeney, E. L., 154
 Keeton, R. W., 380, 381
 Keighley, G., 99
 Keith, M. A., 72, 89
 Keith, N. M., 115, 116, 141, 143
 Keith, W. S., 235
 Kell, J. F., Jr., 112
 Kelley, F. J., 319
 Kelley, V. C., 111
 Kellner, A., 382
 Kelsch, J. J., 187
 Kelsey, M. P., 37, 321
 Kemp, T. A., 362
 Kemp, T. D., 362
 Kempner, W., 71, 128, 131, 134, 137
 Kendall, E. C., 260, 396
 Kendall, F. E., 382
 Kendrick, A. B., 380
 Kennard, M. A., 232
 Kennedy, F., 234
 Kennedy, T. J., Jr., 114, 115, 144, 146, 377
 Keogh, E. V., 23
 Kernodle, C. E., 404
 Kernodle, J. R., 208
 Kernohan, J. W., 233, 240, 241
 Kerr, W. J., 98
 Kershman, J., 236
 Kerwick, A., 42
 Kessler, D. L., 72
 Kety, S. S., 90, 91, 239, 252
 Kevit, N. T., 410
 Key, J. A., 261, 263, 265
 Keys, A., 135, 136
 Keyser, J. W., 298

AUTHOR INDEX

Kidd, J. G., 183, 185, 186, 188, 189
 Kierland, R. R., 162
 Kilbourne, E. D., 4, 17, 18
 Kilbrick, A. C., 385
 Kimbrough, R. A., 211
 Kineldorf, D. J., 332
 Kimmelstiel, P., 110
 King, D., 265
 King, E. E., 410
 King, E. R., 332
 King, J. C., 365
 Kinney, T. D., 106, 113, 356
 Kinsey, A. C., 254
 Kinsman, J. M., 364
 Kirby, C. H., 398
 Kirby, C. K., 80
 Kirby, W. M. M., 5
 Kirchoff, A. C., 313, 314, 405
 Kirklin, B. R., 36
 Kirmse, T. W., 395
 Kirschbaum, A., 181
 Kirsner, J. B., 37, 39
 Kisch, B., 65
 Kitchen, D. K., 3
 Klein, F., 100
 Klein, H. A., 68
 Klein, J. R., 242
 Klein, R. I., 380
 Klemme, R. M., 231
 Kline, B. E., 181
 Kline, P. R., 163
 Klingenstein, P., 41
 Klopstock, R., 281
 Knapp, E. L., 107, 108
 Kneeland, Y., Jr., 7, 273, 341
 Knight, V., 7, 8, 21, 396
 Knowlton, A. I., 102, 129
 Knowlton, N. P., Jr., 333
 Knutson, R. C., 111
 Koale, W. F., 73
 Kobayashi, C. K., 107, 108
 Koch, M. B., 359
 Koelle, E. S., 114
 Koelle, G. B., 381
 Koepf, G. F., 159, 160, 166, 377
 Koetsche, G. A., 165
 Kohn, H. I., 332
 Kolb, L. C., 251
 Koletsky, S., 111
 Kolff, W. J., 118, 412, 413
 Koller, P. C., 187, 192
 Koniuszy, F. R., 137, 360, 391
 Koprowski, H., 238
 Kornreich, C. J., 232
 Kosman, A. J., 239
 Kotkov, B., 253
 Kozol, H. L., 406
 Kracke, R. R., 359
 Kraemer, M., 401
 Krakower, C. A., 129
 Kramer, B., 107
 Kramer, M., 410
 Krantz, J. C., Jr., 303
 Krause, A. C., 227
 Krayenbuhl, H., 244
 Krayer, O., 220
 Krebs, C., 191
 Kremer, V. L., 108
 Krida, A., 268
 Kristiansen, K., 237
 Kroneberg, G., 73
 Krumbiegel, E. R., 228
 Kruse, W., 341
 Kubie, L. S., 254
 Kugel, V. H., 115, 117
 Kugelhof, E., 233
 Kuh, E., 359
 Kuhn, R., 235, 356
 Kuhna, W. J., 366
 Kuizenga, M. H., 159, 172
 Kull, F. C., 155
 Kumpf, C. W., 48, 62, 64, 322
 Kuna, S., 6
 Kunkel, H. G., 16, 17, 107, 108, 380, 381, 382
 Kurtin, A., 163, 173
 Kurzrok, R., 202
 Kushida, M. N., 392
 Kuttner, A. G., 64
 Kvale, W. F., 397

L

Laake, H., 109
 Lacassagne, A., 179
 Ladd, A. T., 382
 LaDue, J. S., 102, 404
 La Forge, M., 61
 Lagerlöf, H. O., 51, 52, 61
 Lahey, F. H., 51, 346
 Laing, D. R., 342
 Laliberté, H., 73
 Lalich, J. J., 113
 La Londe, A. A., 236, 242
 Lambert, R. D., 254
 Landau, S. W., 158, 159, 160, 161, 162, 165, 166
 Landboe-Christensen, E., 361
 Landon, H., 380
 Landowne, M., 134
 Landstadt, D., 155
 Landsteiner, E. K., 113, 366
 Landy, S., 174
 Lange, H. F., 382
 Lange, J., 97
 Lange, K., 98, 108
 Langendorf, R., 116, 143
 Langer, E., 347
 Langlykke, A. F., 9
 Langston, G. T., 307
 Lanning, M., 142, 144
 Lapp, R. E., 335
 Larrabee, M. G., 233
 Larsen, C. D., 182
 Larsen, L. J., 257
 Larson, F., 233
 Lascano-Gonzalez, J. M., 219
 Latterell, K. E., 304
 Laurel, C. B., 357
 Lauritsen, M. A., 356, 363, 364
 Lauson, H. D., 107, 108
 Laval, J., 136
 Lavenne, R., 65
 Lavers, G. D., 381
 Law, L. W., 183
 Law, W. A., 261
 Lawler, S., 368
 Lawrence, J. H., 191, 322
 Lawrence, J. S., 82, 332, 359
 Lawson, H. C., 288
 Lea, D. E., 317
 Leard, S. E., 172, 364
 Leas, R. D., 110
 Leathem, J. H., 201
 Leavitt, M. D., 165
 Le Beau, J., 244
 Lechavalier, H. A., 276
 Lee, H. M., 158
 Lee, J. L., 332
 Lee, M. E., 4
 Leech, R. S., 385
 Leeds, F. H., 80
 Leeuw, N. K. M. de, *see* de Leeuw, N. K. M.
 Leff, I. L., 175
 Leff, W. A., 12, 105, 110
 Leger, J., 155
 Lehman, D. J., 401
 Lehman, R. A., 410
 Lehmann, G., 159
 Lehninger, A. L., 189, 382
 Leibowitz, H., 161
 Leimdorfer, A., 309
 Lein, M., 107, 385
 Leiter, F., 88
 Leiter, J., 185
 Leiter, L., 62, 104, 411
 Lejwa, A., 140
 Le Loc'H, H., 102
 Le May, M., 116
 LeMesurier, A. B., 258
 Lempert, J., 349
 Lenel, R., 129
 Lenert, T. F., 274

Lenhard, R. E., 263
 Lennette, E. H., 7, 28
 Lennon, B., 318
 Lennox, B., 64, 65
 Lennox, M. A., 232
 Lennox, W. G., 364, 406
 Lenzner, A. R., 166
 Leon, A. P., 8
 LePage, G. A., 179, 182, 184, 187
 Lepper, M. H., 6, 236
 Lerman, J., 73
 Lesh, J., 98
 Leslie, E. I., 280
 Lesnick, G., 174
 Levenson, S. M., 113
 Levin, E., 39
 Levin, H. E., 62
 Levin, L., 6
 Levin, N. B., 163, 166
 Levin, S., 232
 Levin, S. J., 166
 Levine, H. D., 67, 68
 Levine, J., 259
 Levine, P., 368, 369
 Levine, S. A., 85
 Levins, J. H., 27
 Levinson, S. A., 380
 Levison, W., 366
 Levitt, R. O., 410
 Levy, M. S., 377
 Levy, R. L., 135
 Levyn, L., 49
 Lewey, F. H., 242
 Lewin, W., 242
 Lewis, A., 306, 307
 Lewis, D., 359
 Lewis, F. G., 173
 Lewis, G. N., 325
 Lewis, M. N., 155, 159
 Lewis, R. A., 377
 Lewis, R. C., 241
 Lewis, T., 81
 Lewthwaite, R., 8, 395
 Ley, H. L., Jr., 8, 395, 396
 Leyton, G. B., 136
 Lezius, A., 87
 Li, K., 208
 Liao, S. J., 16
 Licciardello, A. T., 366
 Lichtenstein, B. W., 231
 Lidz, T., 252
 Lieberman, A. T., 348
 Lieberman, S., 190
 Lieberman, A., 383
 Liebert, E., 239
 Liebon, A. A., 383
 Lief, A., 254
 Lief, P. A., 310
 Lightwood, R., 117
 Lilenthal, J. L., Jr., 145, 381

Limarzi, L. R., 383
 Limentani, D., 383
 Limmon, C., 89
 Lincoln, E. M., 395
 Lindblom, K., 234
 Lindgren, I., 87
 Lindsay, J. R., 349
 Lindsay, S., 110
 Linn, H. J., 97
 Linton, R. R., 88, 92
 Lipman, M. O., 11
 Lippman, R. W., 104
 Lisco, H., 183
 Lista, L. N., 395
 Lister, L. M., 8
 Litchfield, J. T., Jr., 158, 159
 Little, C. C., 180, 181, 186
 Little, J. M., 115, 403
 Littman, A., 400
 Littmann, I., 187
 Litwak, R., 85
 Liu, C. T., 243
 Livingood, C. S., 162
 Livingston, K. E., 232
 Livingston, S., 243, 348
 Livingstone, H. M., 310
 Livingstone, R., 279
 Lobel, M. J., 348
 Loch, W. E., 347, 348, 349
 Lockie, L. M., 410
 Lockwood, J. S., 294
 Loeb, E. N., 98, 102, 129
 Loeb, R. F., 129
 Loeffler, W., 276, 278
 Loeser, A. A., 204, 205
 Loew, E. R., 398, 399
 Loewe, L., 397
 Loewinsohn, E., 280
 Löffler, W., 52
 Loftfield, R. B., 187
 Logan, M. A., 7, 395
 Loge, J. P., 4, 17, 18, 383
 Logue, R. B., 68, 105
 London, I. M., 355
 Long, J. W., 171
 Long, P. H., 341
 Long, P. M., 395
 Long, R. V., 3
 Long, W. K., 62
 Longacre, A. B., 9
 Longcope, W. T., 99, 114
 Longino, F. H., 404
 Looby, J. P., 398
 Loofbourouw, D. G., 133
 Looney, J. M., 381
 Loosli, C. G., 25
 Loosli, J. K., 358
 Lopez, G. G., 138, 139, 140, 359, 361, 362, 363
 Lord, J. W., Jr., 88, 381
 Lorenz, E., 183

Lorhan, P. H., 352
 Loscalzo, A. E., 407
 Lott, L. M., 272
 Loutit, J. F., 288
 Love, J. G., 244, 264
 Lovejoy, G. S., 104
 Loveless, A., 193
 Loveless, M. H., 161, 162, 163, 166, 399
 Lovern, J. A., 382
 Low-Beer, B. V. A., 191, 318, 322, 323
 Lowe, K. G., 118
 Lowell, A., 129
 Lowenberg, K., 238
 Lowinger, S., 366
 Lowrey, G. H., 236
 Lubschez, R., 17
 Lucas, B. G. B., 306, 307
 Lucia, S. P., 365
 Lucké, B., 106, 111, 113, 180
 Luetscher, J. A., Jr., 108, 114
 Lugovoy, J. K., 370
 Luhby, A. L., 363
 Luisada, A. A., 61
 Lukens, F. D. W., 110
 Lumsden, C. E., 231, 238
 Lund, C. C., 113
 Lundy, J. S., 352
 Lups, S., 136
 Lyall, A., 110
 Lyle, P. L., 348
 Lynch, J. P., 243, 364
 Lynn, H. D., 104
 Lyon, R. P., 289
 Lyons, C., 289
 Lyons, R. H., 3, 73, 91, 220, 402, 403
 Lyons, W. R., 231

M

Maas, J. M., 212
 Mabon, R. F., 240
 Macafee, C. H. G., 226
 McArdle, B., 381
 McArthur, J. W., 379, 380, 394
 MacArthur, P., 102, 363
 McBride, A., 361
 McBride, E. D., 266
 MacCallum, P., 23
 McCarroll, H. R., 258, 260
 MacCarty, C. S., 233
 McCarty, M., 16, 17, 189
 McCarthy, M., 24
 McClean, D., 398
 McCorkle, H. J., 191, 318
 McCormack, F. C., 222
 McCormick, J. E., 4

AUTHOR INDEX

McCullough, N. B., 21
 McCune, D. J., 108
 McCune, W. S., 237
 McCutcheson, 185
 McDermott, W., 4, 6, 7, 8,
 21, 174, 396
 McDonald, F. G., 134
 McDonald, J. R., 44, 70,
 243
 McDonald, R. K., 111
 MacDonald, R. M., 45, 362
 McDowell, F., 298
 MacDowell, S. L., 25
 McEachern, D., 364
 McElvenny, R. T., 239
 McFadzean, A. J. S., 364
 MacFarlane, M. N., 369
 McGavack, T. H., 160, 166
 McGinty, D. A., 318
 Macgrath, B. G., 295
 McGrath, A. K., Jr., 282
 McGraw, A. B., 48
 McGraw, J., 208
 MacGregor, M. E., 117
 MacGregor, R. R., 236
 McGuff, R., 216
 McGuire, J., 69
 MacGuire, W. B., Jr., 115,
 134
 McGowan, T. S., 308
 Machella, T. E., 40
 Machle, W., 184
 Macht, M. B., 235
 McKay, D. G., 208
 MacKay, E. A., 379
 McKeen, C. L., 383
 McKelvey, J. L., 365
 McKibbin, J. M., 146
 McKlann, C. F., 240
 Mackmull, G., 160
 MacLachlan, E. A., 134
 MacLagan, N. F., 380
 McLean, I. W., Jr., 8
 MacLean, P. D., 232
 McLennan, C. E., 290
 McLester, J. S., 137
 MacMahon, H. E., 46
 McManus, J. F. A., 100
 McMichael, J., 48, 62, 63,
 65
 McMillan, G. C., 382
 MacMillan, K. D., 174
 MacNider, W. deB., 114
 McPherson, A. Z., 140
 McSweeney, D. J., 208
 Macula, E. S., 189
 Madajewski, E., 11
 Madow, L., 243
 Maegraith, B., 113
 Magath, J. B., 380
 Magnuson, P. L., 348
 Maher, J. P., 161, 162, 166
 Mahoney, C. G. de G., *see*
 de Gutierrez-Mahoney,
 C. G.
 Mailer, R., 37
 Maingot, R., 50, 51
 Mainini, C. G., *see* Galli-
 Mainini, C.
 Maisin, J., 179
 Majunder, D. N., 139
 Mallet, B. J., 138
 Malley, L. K., 366, 367
 Mallory, G. K., 106
 Mallory, T. B., 111, 113,
 114
 Malmros, H., 16
 Maluf, N. S. R., 113, 118
 Man, E. B., 378, 379, 393
 Mankikar, D. S., 8
 Mann, F. D., 384
 Mann, G. V., 110, 146
 Mann, I., 180
 Manning, K. R., 257
 Marchal, G., 102
 Marchand, J. F., 144
 Marcus, S., 159
 Margason, M. L., 243
 Marinacci, A. A., 311
 Marinelli, L. D., 380, 394
 Marinis, T. P., 384
 Markheim, H. R., 258
 Markowitz, M., 64
 Marks, E. K., 32, 323
 Marks, J. H., 232
 Marley, D. E., 349
 Marple, C. D., 69
 Marriott, H. L., 42, 159
 Marsh, W. C., 174
 Marshak, L. C., 22
 Marshall, D., 114
 Marshall, D. S., 62
 Marshall, E. K., Jr., 4, 339
 Marshall, V. F., 191
 Martin, C. E., 254
 Martin, H., 344
 Martin, H. E., 106, 142, 296
 Martin, J., 240
 Martin, R., 410
 Martin, S. P., 144
 Martin, W. B., 114
 Martineau, P. C., 113
 Martiniz, J. de D., 241
 Marvin, J. F., 318
 Marzoni, F., 91, 405
 Mason, D. F. J., 307
 Mason, J., 366
 Mason, M. F., 128, 130
 Mass, J., 135
 Massell, B. F., 17, 18
 Masson, G., 155
 Massover, A. J., 291
 Master, A. M., 36, 64, 67
 Masters, R. E., 355
 Mateer, F., 142, 144, 145
 Mateer, J. G., 48
 Mathews, W. R., 105
 Mathieson, D., 155
 Matson, D. D., 240
 Matthews, L. W., 146
 Matthews, N. L., 379
 Mattox, V. R., 396
 Maun, G. V., 110
 Mautz, F. R., 409
 Mawson, C. A., 384
 Maycock, W., 293
 Mayer, R. L., 155, 159, 399
 Mayerson, H. S., 289
 Mayock, R. L., 61
 Mazur, A., 381
 Meads, M., 3
 Means, J. H., 335, 379
 Mebane, J. G., 62
 Medawar, P. B., 189
 Medinets, H. E., 401
 Megibow, R. S., 133
 Meier, R., 405
 Meigs, J. V., 44, 205, 206,
 210, 215, 216
 Meiklejohn, G., 6, 7, 28
 Meis, A., 278
 Meizlik, E. H., 109
 Melanby, E., 348
 Meleney, F. L., 9
 Melick, W. F., 114
 Mellinkoff, S. M., 366, 367
 Melohn, M. J., 113
 Meltzer, L., 174
 Meltzer, P. E., 349, 350
 Mendoza, H. C., *see* Castro-
 Mendoza, H.
 Menikihar, D. S., 396
 Merlis, J. K., 133
 Merrill, A. J., 62
 Merrill, I. M., 356, 363, 364
 Merrill, J. P., 144
 Merritt, H. H., 243, 406
 Messinger, W. J., 69
 Metcalf, J., 364
 Mettier, S. R., 192
 Mettler, F. A., 231
 Mettler, S., 361
 Metzger, F., 327
 Metzner, W. R. T., 309
 Meulengracht, E., 39
 Meyer, K., 398, 403
 Meyer, L. M., 359
 Meyer, O. O., 188
 Meyer, R. J., 117
 Meyer, R. T., 405
 Meyers, F., 49
 Meyers, M. C., 138, 140,
 359, 360, 361, 392
 Miale, J. B., 70
 Michael, M., Jr., 104
 Michaelis, L., 356

Michaels, J. J., 253
 Michel, J. F., 365
 Michels, M. W., 349
 Mider, G. B., 181
 Mikell, J. S., 348
 Milanes, F., 138, 139, 140, 359, 361, 362, 363
 Millard, A. L., 70
 Miller, A., 216
 Miller, A. J., 105
 Miller, B. W., 365
 Miller, C. A., 232
 Miller, C. P., 10, 11
 Miller, D. F., 219
 Miller, E., 182, 185
 Miller, E. C., 181, 182, 184
 Miller, E. R., 321
 Miller, G. E., 159
 Miller, G. M., 190
 Miller, H. G., 105
 Miller, J. A., 181, 182, 184
 Miller, J. M., 304
 Miller, M., 110
 Miller, T. G., 49
 Miller, W. B., Jr., 90, 91
 Mills, C. A., 181
 Mills, H., 365
 Mills, K. C., 341
 Milnor, J. P., 62
 Miloff, B., 3
 Milzer, A., 238
 Minnich, V., 357
 Mirick, G. S., 7
 Mitchell, C. L., 234, 235
 Mitchell, J. S., 325
 Mitchie, A. J., 108
 Mitra, S., 210
 Mixer, W. J., 243
 Modell, W., 410
 Modoff, S., 23
 Moe, G. K., 91, 200, 402, 403
 Moe, T., 67
 Moersch, H. J., 48
 Moffat, D. A., 348
 Mohn, J. F., 368
 Mohr, F. L., 154
 Mohun, A. F., 237
 Mokotoff, R., 62
 Mokry, J., 285
 Molineux, W. L., 80
 Moll, G. H., 109
 Mollie, W. E., 322
 Mollin, D. L., 359
 Mollison, P. L., 293, 369, 370
 Moloney, W. C., 113
 Momigliano, L. G., 366
 Monahan, E. P., 242
 Monchek, M., 166
 Monroe, L., 381
 Montgomery, C. M., 368
 Montgomery, G. E., 69
 Moore, C. V., 355, 357, 359, 363, 364, 365
 Moore, D. B., 380
 Moore, D. H., 183, 380
 Moore, F. D., 41, 88, 298, 299
 Moore, G. E., 191, 233, 234, 318
 Moore, J., 323
 Moore, J. C., 288
 Moore, J. M., 289
 Moore, J. R., 268
 Moore, V., 399
 Moon, V. H., 111
 More, R. H., 98
 Morgan, E. H., 138
 Morgan, H. R., 277
 Morgan, I. M., 173
 Morgans, M. E., 362
 Morris, H. P., 182
 Morris, P., 407
 Morrison, B., 299
 Morrison, L. M., 382
 Morrison, R. J. C., 363
 Morse, M., 382
 Morse, W. I., 384
 Mortensen, V., 104
 Mortensen, W. L., 49
 Morton, J. J., 343
 Morton, R., 383
 Mosher, R. E., 384
 Mothersill, M. N., 161
 Motley, H. L., 62
 Moulder, P. V., 383
 Mount, L. A., 236
 Mourant, A. E., 366
 Mousa, A. M., 65
 Mowat, J. H., 359
 Moyer, J. H., Jr., 174
 Muckle, C. W., 211
 Mudge, G. H., 115, 145, 146
 Mueller, R., 405
 Muirhead, E. E., 278, 296, 384
 Mulder, J. D., 261
 Mulholland, J. H., 147
 Muller, H. H., 333
 Müller, J. H., 323
 Mulligan, R. M., 117
 Mullinger, M. A., 165
 Mullins, C. R., 56
 Mullins, F., 105
 Mulmed, E. I., 101
 Mulvihill, D. A., 281
 Munafó, C., 160
 Mundy, C. S., 284
 Munro, D., 235
 Murayama, M., 385
 Murgatroyd, F., 383
 Murison, P. J., 404
 Murphy, G., 15
 Murphy, J. B., 342
 Murphy, J. P., 234
 Murray, G., 85, 118
 Muschenheim, C., 6
 Mushet, C. W., 6
 Mushin, W. W., 307
 Musselman, A. D., 5
 Mussey, M. E., 104
 Mussey, R. D., 213
 Myers, G. B., 68, 384

N

Nachlas, I. W., 258
 Nachman, H. M., 289
 Nadler, C. S., 142, 144
 Nadler, W. H., 364
 Nagel, H., 62
 Nahum, L. H., 66
 Nalls, W. L., 174
 Nancekievill, L., 365
 Napier, L. E., 139
 Nasio, J., 46
 Natelson, S., 370
 Nathanson, I. T., 193
 Neal, W., 321, 323
 Necheles, H., 53
 Needham, G. M., 273
 Neefe, J. R., 26, 381
 Neel, J. V., 365
 Neff, B. J., 24
 Neibling, H. A., 41
 Neligh, R. B., 73, 138, 140, 360, 361, 392, 402, 403
 Nelson, E. M., 363
 Nelson, W. H., 161, 162, 165, 166
 Nesbit, R. M., 115
 Nettles, J. B., 207
 Neubauer, C., 238
 Neuhauer, E. B. D., 82, 83, 117
 New, G. B., 352
 New, W. N., 174
 Newell, R. R., 324, 331, 332
 Newman, A. A., 62
 Newman, E. V., 62
 Nicholds, D. R., 2
 Nichols, D. R., 272, 273
 Nichols, M. P., 381
 Nicholson, W. M., 142, 144
 Nickerson, M., 114, 380, 381, 401
 Nieburgs, H. E., 207
 Niedermeier, W., 134
 Nielsen, J. M., 242
 Nielsen, R. R., *see* Rask-Nielsen, R.
 Nieset, R. T., 289
 Nieuwmeijer, A. H., 136
 Nissim, J. A., 357
 Noble, C. A., 69

Noble, R. P., 61
 Noe, G. K., 73
 Nolan, J., 215
 Noonan, T. R., 355
 Norcross, B. M., 410
 Norman, L., 85, 86
 Norris, E. H., 243
 North, E. A., 23
 Northcroft, G. B., 242
 Northey, E. H., 359
 Nostuk, W. L., 294
 Novak, E., 214, 216
 Nuellman, P. L., 175
 Nyhus, G., 67
 Nyiri, W., 412
 Nylin, G., 80, 288, 319

O

Ober, R. E., 228
 Oberling, C., 179, 185
 Obrador, S., 237, 243
 Ochsner, A., 87, 91, 92
 O'Connor, W. B., 163
 Odel, H. M., 70, 118
 O'Farrell, P. T., 85
 Ogden, F. N., 363
 Ogilvie, H., 44
 Ohrenstein, I. R., 365
 O'Leary, E., 108
 Oliphant, J. W., 278
 Olivecrona, H., 87, 241
 Oliver, D. R., 267
 Olsen, A. M., 44
 Olsen, C. W., 311
 Olsen, E. F., 377
 Olsen, N. S., 115
 Olson, K. J., 159
 Olwin, J. H., 384
 Onda, P., 223, 224
 O'Neill, J. F., 80, 81
 O'Neill, T. J. E., 85, 279, 281
 Oppenheim, E., 381
 Oppenheimer, G. D., 413
 Oppenheimer, M. J., 61
 Ordway, N. K., 113
 O'Rear, H. B., 404
 Organe, G., 306
 Oritt, G. E., 394
 Orley, A., 231
 Ornstein, G. G., 283
 Orr, J. W., 185
 Orris, H. W., 365
 Orth, O. S., 404
 Osborne, S. L., 239
 O'Shaughnessy, L., 87
 Oshlag, A. M., 313, 314
 Oshry, E., 380
 Osterberg, A. E., 55, 115, 143
 Ostow, M., 380

Ott, C. E., 9
 Otto, H. L., 410
 Ould, C. L., 403
 Overhill, H. R., 234
 Overman, R. R., 295, 384
 Overton, J., 162
 Owena, E. U., 227
 Owens, W. C., 227
 Owren, P. A., 367

P

Pace, S. H., 3
 Pack, A. T., 404
 Paegel, B. L., 359, 366
 Paerimutter, M., 410
 Page, I. H., 71, 101, 112, 113, 294, 295, 297, 311, 312
 Paine, J. R., 84
 Paine, R., 62
 Paine, T. F., Jr., 6, 8
 Palares, D. S., *see* Sodi-Palares, D. S.
 Palmer, A., 201
 Palmer, H., 382
 Palmer, J. W., 398
 Palmer, R. S., 89, 91, 133
 Palmer, W. L., 37, 39, 40, 55
 Pansy, F. E., 6
 Pantazis, S., 236, 237
 Papanicolau, G. N., 44, 191, 207, 281
 Papper, E. M., 310, 409
 Pardue, M. L., 262
 Parets, A. D., 73
 Parish, V. L., 24
 Park, E. A., 80
 Parker, E. F., 85
 Parker, F., 219
 Parker, J. G., 110
 Parker, P., 117
 Parker, R. C., 69
 Parker, R. L., 55, 69
 Parker, R. R., 278
 Parkinson, J., 64
 Farmer, L. G., 364
 Parmley, R. T., 222
 Parr, W. A., 347
 Parrett, V., 208
 Parson, W., 116, 289
 Parsons, J. W., 161, 162, 165, 166
 Parsons, W. B., 56
 Partearroyo, F. R. de, *see* de Partearroyo, F. R.
 Pasamanick, B., 253
 Passe, E. R. G., 243, 351
 Patch, A. J., Jr., 46
 Patel, J. C., 139, 362, 363
 Patelaki, R. A., 2
 Paterson, E., 191

Paterson, J. C., 382
 Paterson, J. C. S., 293
 Patrick, J. G., 268
 Patrick, P. R., 228
 Paul, A. B., 166
 Paul, J. R., 239
 Paul, O., 63, 64
 Paul, R. N., 83
 Paullett, J., 63
 Pauli, R. H., 98
 Pauling, L., 365, 383
 Paul, D. P., 235
 Pauls, M. D., 349
 Pautrier, L. M., 282
 Pavel, I., 49
 Payne, F., 227
 Payne, F. L., 216
 Payne, J. T., 299
 Payne, W. W., 117
 Peacock, W. C., 320, 357
 Pearl, F., 91
 Pearse, H. E., 299
 Pearson, J. S., 69
 Pearson, O. H., 144
 Pease, C. N., 259
 Pease, G. L., 140
 Peck, S. M., 173
 Peel, A. A., 64
 Peet, M. M., 72, 73, 89, 244, 402
 Peightal, T. C., 215
 Peirce, J. D., 161
 Pellerat, J., 153
 Pellett, E., 405
 Pencharz, R., 181
 Pender, J. W., 69
 Penfield, W., 242, 243
 Penman, R., 287
 Penner, A., 112
 Penner, M. A., 8
 Pennybacker, J., 237, 240
 Pentimalli, F., 183
 Pentz, E. I., 105
 Perera, G. A., 71, 72, 128, 129, 130, 133
 Perez, J. M. S., *see* Sanchez-Perez, J. M.
 Perianes, I., 86
 Perlman, H. B., 348
 Perlman, M. L., 335
 Perr, H., 174
 Perrin, T. S., 18
 Perry, D. J., 162, 163
 Perry, E. L., 70, 165
 Persike, E. C., 104
 Peschel, E., 134
 Peterman, M. G., 243
 Petermann, M. L., 190, 385
 Peters, H. R., 398
 Peters, J. H., 142, 144, 145, 385

Peters, J. P., 115, 143, 144, 378, 379
 Petersen, I., 233
 Petersen, M. C., 244
 Petersen, M. N. S., *see* Smith-Petersen, M. N.
 Peterson, E., 236
 Peterson, M. C., 309, 409
 Peterson, O. L., 366
 Peyton, W. T., 191, 233
 Pfaff, M. L., 190
 Pfeiffer, C. A., 180
 Pfeiffer, J. B., 112
 Pfuetze, K. H., 274, 275, 395
 Phaneuf, L. E., 206
 Phelps, D. H., 203
 Phemister, D. B., 48, 268, 290, 295
 Pheron, P. H., 289
 Philip, C. B., 8, 395
 Philippot, E., 73
 Phillips, F. S., 114
 Phillips, L. G., 226
 Phillips, R. A., 111, 296
 Philo, S., 380
 Phisalix-Picot, M., 400
 Pic, A., 55
 Pickering, G. W., 63, 64
 Pickles, R. M., 368
 Picot, M. P., *see* Phisalix-Picot, M.
 Pierce, C. B., 241
 Pierce, E. C., 2nd, 81
 Pierson, P. S., 380
 Pike, R. M., 13
 Pillsbury, D. M., 162
 Pincoffs, M. C., 8, 395
 Pincus, J. B., 370
 Pines, K. L., 73, 128, 130, 133, 412
 Pirani, C. L., 116, 143
 Pisciotta, A. V., 366, 367
 Pitkin, G. P., 222
 Pitter, R. T., 162
 Platt, R., 71, 99, 101, 105, 322
 Plum, C. M., 355, 361
 Pochin, E. E., 318
 Poet, R., 310
 Pohle, F. J., 381
 Pohlman, M. E., 348
 Polin, E. B., 110
 Pollack, A. A., 70, 82
 Pollack, H., 133
 Polley, H. F., 260, 396
 Polley, J. R., 129
 Pollock, G. H., 242
 Pollock, L. J., 239
 Polvogt, L. M., 340, 347, 348
 Pomeroy, W. B., 254
 Ponder, R., 368
 Pool, J. L., 244, 252
 Popanoe, P., 199
 Pope, A., 146
 Poppen, J. L., 88, 89, 231, 239, 244
 Poppen, O., 349
 Popper, H., 47, 381
 Popper, H. L., 53
 Porter, K. R., 187
 Porter, M. R., 294
 Porter, W. B., 110
 Posey, E. L., Jr., 403
 Post, J., 46
 Potter, B. P., 272
 Potter, E. L., 369
 Potter, W. H., 291
 Potts, W. J., 79, 80, 81, 84
 Powdermaker, F., 253
 Powell, C. B., 232, 240
 Powell, E. O., 365
 Power, M. H., 52, 118, 321, 377, 379
 Powers, G. F., 14
 Prado, J. L., 71
 Pratt, E. L., 117
 Pratt, J. H., 52
 Pratt, P. T., 114
 Pratt-Thomas, H. R., 85
 Prescott, F., 306, 307
 Pressman, D., 99, 323
 Preston, F. W., 45, 193
 Preuss, O. C. H., *see* Hansen-Preuss, O. C.
 Price, A. H., 4
 Price, C. W., 6
 Price, D. S., 280
 Price, P. D., 292
 Priddle, H. D., 223, 224, 358
 Priestley, J. T., 45, 56
 Prigot, A., 7, 395
 Prinzmetal, M., 61, 112, 319
 Pritchard, J. A., 360
 Pritchard, M. M. L., 101, 111
 Proctor, D. F., 340, 348
 Proescher, F., 24
 Pruitt, R. D., 67, 116
 Prunty, F. T. G., 378
 Pugh, D. G., 69, 70
 Pugh, L. G. C., 63
 Pulaski, E. J., 9, 21, 274
 Pund, E. R., 207
 Pyle, M. M., 274, 275

Q

Quashnock, J. M., 142, 385
 Quick, A. J., 384
 Quilligan, J. J., Jr., 236
 Raaf, J., 235, 242
 Rasschou, F., 105, 114
 Rabinovitch, J., 174
 Raby, W. T., 8, 21
 Race, R. R., 366, 368
 Racely, C. A., 405
 Rackmiewitz, M., 64
 Ragan, C., 129, 408
 Rai, Chaudhuri, M. N., 139
 Raimondi, P. J., 39
 Raisbeck, M. J., 87
 Rake, G., 6, 22, 24
 Ralston, E. L., 266
 Ramberg, R., 100
 Rambo, J. H. T., 351
 Rammelkamp, C., 14
 Rand, C. W., 232
 Rand, R. W., 237
 Randak, E. F., 61
 Randall, E., 16
 Randall, H. T., 183
 Randall, W. A., 6
 Randt, C. T., 349
 Raney, A. A., 232
 Raney, R., 232
 Rantz, H. H., 16
 Rantz, L. A., 13, 15, 16, 17, 18
 Raper, J. R., 325
 Rapoport, B., 62
 Rapoport, M., 101, 102, 103
 Rapoport, S., 130, 143
 Rappaport, E. E., 65
 Rappaport, A. E., 115
 Rask-Nielsen, R., 182
 Rasmussen, H., 67
 Rath, C. E., 357
 Rathbun, J. C., 142, 385
 Rauchwerger, S. M., 174
 Rawson, R. W., 379, 380, 394
 Ray, C. T., 62
 Ray, J. W., 311
 Ray, T., 91
 Read, A. F., 296
 Read, G. D., 209, 221
 Read, M. R., 366
 Reader, R., 98
 Reardon, M. J., 91, 405
 Reaser, J., 108
 Reaser, P., 62
 Recant, L., 378
 Redish, J., 114
 Reuse, A. B., 227
 Reeve, E. B., 288, 289
 Regan, M., 359

AUTHOR INDEX

Reichsman, F., 128, 130
 Reid, A. F., 369
 Reid, D. E., 225
 Reid, E. A. S., 134
 Reid, R. W., 114
 Reifenstein, E. C., Jr., 116
 Reilly, W. A., 379
 Rein, C. R., 3, 174
 Reiners, C. R., 242
 Reinhard, J. F., 155, 159
 Reinhold, J. G., 381
 Reinstein, H., 160
 Reiser, M. F., 130
 Reiner, E. H., Jr., 138, 140, 360, 361, 392
 Rekers, P. E., 332
 Relman, A. S., 63
 Remington, J. W., 61
 Rennick, B., 155
 Ressovsky, N. W. T., *see* Timofeeff-Ressovsky, N. W.
 Reubi, F. C., 112
 Reuse, J. J., 154
 Revell, S., 193
 Revilla, A. G., 241
 Revuelta, R., 272
 Rexed, B., 234
 Reynals, F. D., *see* Duran-Reynals, F.
 Reynolds, F. C., 259, 267
 Reynolds, F. R., 261
 Reynolds, J. L., 161, 164, 165, 404
 Reynolds, J. T., 51
 Rhoads, C. P., 190, 392
 Rhoads, H. E., 412
 Rhoads, P. S., 117
 Rhode, C. M., 113
 Rhoden, E., 192
 Rhodes, A. J., 2
 Ribblet, L. A., 357, 363
 Rice, E. C., 7
 Rice, G. C., 224
 Rich, A. R., 16, 70, 105
 Richards, E. W., Jr., 61, 62, 63, 69
 Richards, H. G., 360, 361
 Richards, R. K., 243
 Richfield, D. F., 48
 Richmond, H., 383
 Richmond, M. T., 159
 Richter, C. P., 349
 Richter, M. N., 187
 Ricketts, E. L., 137, 360, 391
 Ricketts, C., 293
 Ricketts, E. W., 37
 Ridley, R., 314
 Riegel, C., 108
 Rifkin, H., 110
 Rigdon, R. H., 98, 113
 Riggins, H. M., 274, 275
 Riggs, D. S., 379
 Rigler, L. G., 44
 Rigney, L. J., 49
 Riley, E. F., 183, 325
 Riley, R. L., 61, 62
 Rimington, C., 362
 Ripley, H. S., 112
 Ripstein, C. G., 88
 Riser, W. H., 359
 Riskaer, N., 350
 Ritchie, G. J., 404
 Rittenberg, D., 355
 Ritzman, L. W., 68
 Rivera, R. S. D., *see* Diaz-Rivera, R. S.
 Rives, H. F., 166
 Rizzoli, H. V., 237
 Robbins, G. F., 381
 Robbins, M. H., 347
 Robbins, S. L., 106, 110, 219
 Robbins, W. C., 9
 Robertazzi, R. W., 309, 409
 Roberts, P. C., 405
 Roberts, S., 352, 380, 381
 Robertson, C. R., 37
 Robertson, E. G., 240
 Robertson, O. H., 317
 Robertson, R. L., 293, 311, 312
 Robin, S., 365, 383
 Robinett, P. W., 332
 Robins, H. M., 410
 Robinson, H. A., 10
 Robinson, J. A., 3, 235, 236, 273
 Robinson, J. C., 357, 358, 363
 Robinson, S. C., 135
 Robitzek, E. H., 110
 Robson, J. M., 357
 Rockey, E. E., 66
 Rodbard, S., 129
 Rodriguez, P. M., 379
 Rodriguez, J., 22
 Rodway, H., 222
 Roe, M., 159
 Roemhild, F., 295
 Rogers, M. B., 132, 134
 Rogers, M. P., 91, 405
 Roh, C. E., 69, 73
 Rohr, K., 364
 Rohrer, R. H., 90, 91
 Roman, D. A., 307
 Romansky, M. J., 3
 Roos, A., 116
 Root, H. F., 110, 142
 Root, M. A., 381
 Root, W. S., 288, 294
 Rooyen, C. E. van, *see* van Rooyen, C. E.
 Ropes, M. W., 23
 Rose, B., 161, 162, 166
 Rose, H. M., 7, 273
 Rose, J. M., 159, 161, 162, 163, 165, 166
 Rose, S. M., 189
 Rose, W. Mcl., 239
 Rosen, C. D., 383
 Rosen, F. L., 174
 Rosenak, S., 413
 Rosenbaum, D., 367
 Rosenbaum, E. E., 384
 Rosenbaum, F. F., 68
 Rosenberg, B., 132, 134
 Rosenberg, M. H., 161, 162, 163
 Rosenberg, P., 27
 Rosenberg, R., 69
 Rosenberger, H. C., 324
 Rosenblatt, P., 216, 370
 Rosenblum, P., 380
 Rosenbluth, M. B., 132
 Rosenquist, H., 292, 293
 Rosenthal, A. E., 132
 Rosenthal, M., 191, 282
 Rosenthal, R., 332
 Rosenthal, S. R., 280
 Ross, G., 62
 Ross, J. F., 359, 366
 Ross, S., 7, 100, 102
 Ross, W. P. D., *see* Dallas Ross, W. P.
 Rossien, A. X., 401
 Rossier, P. H., 113
 Rossiter, R., 287
 Roston, E. H., 133
 Roth, E., 147
 Roth, G. M., 73
 Roth, O., 108
 Rothard, S., 15, 16
 Rothlin, E., 404
 Rothschild, J. E., 165
 Rouault, M., 102
 Roughton, W. R., 288
 Rous, P., 180, 183
 Rousselot, L. M., 48
 Routh, J. I., 107, 108
 Rovdin, I. S., 11
 Rovenstine, E. A., 305, 310, 409
 Rowbotham, E. S., 306, 307
 Rowe, R. J., 11
 Rowland, J. W., 398
 Rowlands, E. N., 101
 Rowley, E. M., 128
 Rozin, S., 206
 Rozwadowski-Dowzenko, M., 11
 Rubenstein, L. H., 281
 Rubenstein, M. A., 383
 Rubie, J., 237, 363
 Rubin, B., 159
 Rubin, I. C., 199

AUTHOR INDEX

459

Rubin, M. I., 101, 102, 103
 Rudebeck, J., 100, 102, 103,
 104
 Rüedi, L., 348
 Ruiz-Sanchez, A., 7, 21
 Ruiz-Sanchez, F., 7, 8, 21,
 396
 Rundles, E. W., 361
 Rundles, R. W., 138, 140,
 362
 Rupp, C., 235
 Rusch, H. P., 179, 181, 182,
 184
 Rush, B., 254
 Ruskin, A., 71
 Russell, D. S., 235, 240
 Russell, K. C., 53
 Russell, P. S., 385
 Russell, W. R., 234, 239
 Rutenberg, A. M., 8
 Rutherford, R. N., 200
 Rutledge, F., 214
 Ryan, J. J., 240
 Ryan, R., 404
 Ryckewaert, A., 97, 101
 Ryersback, G., 82
 Rylander, G., 252
 Rytant, D. A., 98, 108, 110

* S

Sabin, A. B., 238
 Sachs, B. A., 166
 Sachs, E., 236, 240
 Sack, T., 320
 Sadowsky, A., 369
 Saifi, S. A., 48
 Sagouin, L., 238
 St. John, E., 114
 St. John, F. B., 44
 St. Johnston, C. R., 363
 Salen, E. B., 173
 Salerno, P. R., 310
 Salk, J. E., 25
 Salomon, K., 355
 Salter, W. T., 379
 Saltzman, A. H., 379
 Salvesen, H. A., 103
 Samper, B. A., 366
 Samson, J. E., 262
 Sanchez, A. R., *see* Ruiz-Sanchez, A.
 Sanchez, F. R., *see* Ruiz-Sanchez, F.
 Sanchez-Perez, J. M., 232,
 241
 Sanders, E. K., 294
 Sanders, M., 7, 395
 Sanderson, M., 383
 Sanderson, P. H., 114
 Sandstead, H. R., 347
 Sandweiss, D. J., 38

Sanger, R., 368
 Sante, L. R., 283, 284
 Santesson, L., 187
 Saphir, O., 103
 Saphir, W., 238
 Sappington, T. S., 379
 Sarber, R. W., 155
 Sargent, F., 359
 Saslaw, S., 98
 Saunders, J. B. DeC. M.,
 264, 266
 Saunders, M. G., 297
 Savage, G. M., 333
 Savitsky, N., 141
 Savoor, S. R., 8, 395
 Sawyer, C. G., 143
 Scaddings, L. J. B., 276
 Scaparone, M., 6, 7
 Scarff, J. E., 244
 Schachter, R. J., 155, 159
 Schade, A. L., 357
 Schaer, S. M., 291
 Schafer, E. P. S., *see* Sharpay-Schafer, E. P.
 Schafer, P. W., 40
 Schafer, W. L., 272
 Schaffer, J., 21
 Schaffer, R. L., 71
 Schall, L. A., 345, 349, 351
 Schanke, K., 38
 Scharrer, B., 180
 Schaub, J. G., 7
 Schaumann, O., 407
 Scheele, L. A., 179
 Scheibe, J. R., 111
 Scheinker, I. M., 233
 Scheinmann, L. J., 114
 Schemm, F. R., 62
 Schenck, H. P., 340
 Schiele, B. C., 252
 Schieve, J. F., 138, 362
 Schiff, L. B., 322
 Schiffer, M., 216
 Schild, H. O., 158
 Schiller, F., 235
 Schiller, M., 239
 Schiller, W., 207
 Schilan, L. S., 306, 409
 Schlegel, J. U., 203
 Schlesinger, E. B., 408
 Schlesinger, M. J., 67
 Schleizinger, N. S., 241
 Schlingman, A. S., 8
 Schlumberger, H. G., 180
 Schmidlap, C. J., 191
 Schmidt, C., 317, 321, 379
 Schmidt, C. F., 252
 Schmitz, H. E., 215, 216
 Schneider, R. C., 237
 Schoellie, M. L., 409
 Schoenbach, E. B., 7, 9,
 273, 366, 395

Schoenberger, J., 25
 Scholz, C. R., 399
 Schöndube, W. Z., 49
 Schottstaedt, E. R., 257,
 266
 Schroeder, H. A., 71, 112,
 113, 132, 133
 Schultz, M. P., 173
 Schulz, M. D., 41
 Schur, M., 110
 Schuster, M. C., 187
 Schutzer, S., 160
 Schwab, J. L., 98
 Schwalm, S., 24
 Schwartz, E., 161
 Schwartz, H. G., 240
 Schwartz, M. C., 134
 Schwartz, R., 145
 Schwartz, R. P., 306, 408
 Schwartz, S. P., 68
 Schwartz, W. B., 129, 132,
 133
 Schwartzman, 257
 Schwarz, S. O., 366
 Schweinburg, F., 118
 Schweinburg, F. B., 8
 Sciaroni, G. H., 240
 Scott, C. C., 407
 Scott, J. M., 357
 Scott, W. W., 112, 398
 Scoville, W. B., 234, 239,
 244
 Scudder, J., 293
 Scudi, J. V., 9, 155, 159
 Seavers, R., 292
 Sebrell, W. H., 140, 365
 Seddon, H. J., 233
 Seegal, B. C., 98, 102, 129
 Seegal, D., 99
 Seeger, D. R., 359
 Seegers, W. H., 384
 Seeler, A. O., 3
 Seavers, M. H., 314
 Segaloff, A., 182
 Seibert, F. B., 190
 Seibert, M. V., 190
 Seidlin, S. M., 380, 394
 Seifter, J., 397
 Seldin, D. W., 145
 Seldon, T. H., 352
 Selfridge, G., 350
 Seligman, A. M., 118, 294,
 296
 Selikoff, I. J., 110
 Selkurt, E. E., 111
 Selle, W. A., 159
 Sellors, T. H., 63, 237
 Silverstone, B., 233, 318
 Selye, H., 71, 105, 128
 Selvier, L., 224, 226
 Selzer, A., 69
 Semb, J., 359

AUTHOR INDEX

Semple, T., 63, 64
 Sen, G. N., 139
 Sen, S., 103
 Sen Gupta, P. C., 139
 Sergent, W. F., 308
 Seton, P. H., 37
 Seymour, J. S., 243, 351
 Shaddle, O. W., 288
 Shaffer, B., 407
 Shaffer, J. M., 9, 18, 21
 Sharroff, B. G. P., 147
 Shambaugh, G. J., Jr., 349
 Shanks, S. C., 36
 Shannon, J. A., 101
 Shapiro, M. J., 79, 81
 Shapiro, S., 381
 Shapiro, S. L., 111, 114
 Sharp, E. A., 8, 364
 Sharpey-Schafer, E. P., 63
 Shaw, E. W., 277
 Shaw, G. E., 138
 Shay, H., 381
 Shea, P. C., Jr., 90, 91, 319
 Sheehan, H. L., 290
 Shelden, C. H., 235
 Sheldon, J. M., 161, 162
 Shemin, D., 355
 Shen, C. C., 366, 367
 Shenkin, H. A., 239
 Shepard, E. M., 141, 143
 Shepherd, W. H. T., 237
 Sheppard, C. W., 191, 321, 323, 356
 Sheppard, W. B., 265
 Sherlock, S., 48
 Sherman, I., 237, 239
 Sherry, S., 115
 Shibley, G. S., 341
 Shimkin, M. B., 179, 185, 187, 188, 189, 191, 192
 Sholes, D. M., 112
 Shorb, M. S., 391
 Shoroon, L. M., 332
 Shorr, E., 71
 Shorr, H. M., 364
 Shubik, P., 185
 Shumacker, H. B., Jr., 92
 Shure, N., 166
 Sibbenthal, B. J., 363
 Sibley, J. A., 189
 Sickels, J. P., 359
 Siddon, W. H., 98
 Siebens, A. A., 367
 Siegal, S., 173, 174
 Silber, R. H., 6
 Silson, J. E., 330
 Silva, J. A., 355
 Silver, H., 112
 Silver, M. L., 242
 Silverus, E., 241
 Simeone, F. A., 88, 111, 114
 Simes, A. B., 280
 Simkin, B., 112
 Simon, S. W., 174
 Simon, V., 98
 Simonds, J. P., 97
 Simons, D. J., 110
 Simonsen, D. H., 319
 Simonsen, D. G., 296
 Sinclair-Smith, B., 62
 Sinden, R. H., 142
 Singer, K., 365, 383
 Singer, S. J., 365
 Sipe, C. R., 332
 Siplet, H., 381
 Sirota, J., 133
 Sissons, H. A., 23
 Sjaardema, H., 232
 Sjöberg, S. G., 52
 Sjögren, T., 254
 Sjöqvist, O., 231, 244
 Skancke, B. N., 394
 Skinsnes, O., 107
 Slack, H. G. B., 357
 Slaughter, D. P., 193
 Slaughter, O., 70, 81
 Slinger, S. J., 382
 Sloan, R. D., 112
 Slocumb, C. H., 260, 396
 Smadel, J. E., 8, 21, 395, 396
 Small, C., 208
 Small, J. T., 41
 Smalley, R. E., 109
 Smathers, H. B., 88
 Smedal, M. I., 241
 Smetak, E. M., 107
 Smirk, F. H., 69, 71
 Smith, B. C., 90
 Smith, B. S., *see* Sinclair-Smith, B.
 Smith, C. C., 105
 Smith, C. H., 365, 368
 Smith, E. L., 139, 391
 Smith, H. W., 71, 104, 112, 134
 Smith, J. M., 359
 Smith, J. R., 62
 Smith, J. W., 3, 11, 348
 Smith, L., 360
 Smith, M. E., 293
 Smith, M. F., *see* Fremont-Smith, M.
 Smith, P. H., 377
 Smith, R. B., 8
 Smith, R. G., 411
 Smith, R. M., 8, 395
 Smith, S., 84, 144
 Smith, S. E., 358
 Smith, S. M., 409
 Smith, W. E., 23, 180, 183
 Smithburn, K. C., 238
 Smith-Petersen, M. N., 260
 Smithwick, R. H., 71, 72, 88, 89, 92, 289, 402
 Smyth, H. G., 85
 Smitter, R. C., 223, 224
 Smyth, H. D., 334, 335
 Smythe, R. L., 146
 Snapper, I., 192, 412
 Snively, J. G., 366
 Snell, A. M., 46, 114
 Snitkoff, M. C., 174
 Snyder, C. H., 403
 Snyder, H., 73
 Snyder, H. E., 297
 Sobéron, J., 67
 Sodi-Pallares, D., 67
 Soefters, J. M., 370
 Sofer, L. J., 385
 Sokalchuk, A., 287
 Sokolow, M., 64, 66, 192
 Solandt, D. Y., 412
 Soley, M. H., 321, 379
 Soloff, L. A., 134
 Solomon, A. K., 233, 318
 Solomon, D. H., 99
 Solomon, H. C., 231
 Solotorovsky, M., 6
 Solymoss, A., 112, 296
 Sommerville, J. C., 231
 Sonek, C. A., 175
 Sonn-Gordon, E. B., 368
 Sorenson, C. W., 67
 Sorenson, N. A., 356
 Sostek, S. B., 174
 Southwell, N., 161, 162
 Spaeth, W., 144
 Spalding, J. M. K., 232
 Spangler, H. B., 322
 Spaulding, E., 11
 Spear, H. C., 403
 Speed, J. S., 262
 Speert, H., 215
 Spier, J., 364
 Spies, T. D., 138, 139, 140, 359, 361, 362, 363, 391
 Spillane, J. D., 243
 Spink, W. W., 9, 15, 17, 18, 19, 21, 22
 Spiro, D., 110
 Spitz, E. B., 239
 Spizizen, J., 27
 Spooner, S. J. L., 293
 Sprague, R. G., 56, 110
 Spray, G. H., 138
 Spritzer, R. J., 61, 319
 Sprong, D. H., Jr., 113
 Spühler, O., 97
 Spurling, R. G., 235
 Squire, J. R., 293, 298, 299
 Stalker, A. L., 110
 Stammers, F. A. R., 290
 Stanbro, W. W., 215
 Stanbury, J. B., 366

Stanger, W., 183
 Stanley, M. M., 12, 318, 379
 Stanley, W. M., 183
 Stanton, E., 88
 Stanton, J. B., 232
 Stanton, J. R., 73, 289, 411
 Stapleton, G. E., 183, 325
 Stapleton, T., 117
 Stare, F. J., 146
 Stark, C. N., 358
 Starke, H., 134
 Starr, I., 61, 62
 Startzman, V., 109
 State, D., 409
 Staub, H., 153
 Staube, R. L., 321
 Stauffer, M. H., 48
 Stead, E. A., Jr., 62, 63
 Stead, J. K., 113
 Stead, W. W., 130
 Stearns, G., 107, 108
 Stecher, R. M., 382
 Steele, H. H., 48
 Steenken, W., Jr., 273, 275
 Steinberg, B., 284
 Steinberg, H., 322
 Steindler, A., 264
 Steiner, A., 73, 382
 Steiner, P. E., 183
 Steiner, R. E., 64
 Steigmann, F., 47, 381, 403
 Steinman, J. F., 107
 Stenstrom, J. D., 88
 Stephen, C. R., 306
 Stephens, F. I., 142
 Stephenson, M. L., 187
 Stepien, L., 238
 Sternberger, L. A., 384
 Stetson, C. A., 365
 Stetson, C. A., Jr., 383
 Stetson, R. P., 366
 Stevens, C. D., 322
 Stevenson, C. W., 311
 Stewart, H. J., 62, 67, 141, 143
 Stewart, H. L., 185
 Stewart, J. B., 291
 Stewart, J. K., 381
 Stewart, P., 322
 Stickney, J. M., 366, 367
 Stiff, H. A., Jr., 385
 Stiller, R., 369
 Stimson, P. M., 239
 Stinchfield, F. E., 261
 Stock, C. C., 392
 Stock, F. E., 114
 Stock, R. J., 118
 Stoelting, V. K., 305
 Stoerk, H. C., 102, 129
 Stofer, B. E., 68
 Stokes, J. Jr., 26, 27
 Stokes, T. L., 86
 Stokstad, E. L. R., 139, 359, 360
 Stoll, A., 404, 405
 Stoll, W., 244
 Stollerman, G. H., 133
 Stone, J., 36
 Stone, R., 318
 Stone, R. E., 138, 139, 140, 359, 361, 362, 263, 391
 Stone, R. S., 191, 323, 325
 Stovall, S. L., 113
 Stover, C. H., 308
 Stowell, R. E., 187
 Strauss, E., 277
 Strauss, L. G., 110
 Strauss, M. B., 117, 366
 Strauss, M. J., 166
 Strauss, V., 69
 Strauss, W. T., 163, 400
 Street, D. M., 269
 Strickland, B. A., 165
 Strickland, B. A., Jr., 400
 Strong, L. C., 184
 Strong, O. S., 231
 Stroud, M. W., 62
 Stroud, W. D., 62, 135
 Strumia, M. M., 109
 Sturgeon, P., 360, 363
 Sturgis, C., 359
 Sturgis, S. H., 208
 Sturm, E., 342
 Suarez, R. M., 138, 139, 140, 361, 362, 363
 Suarez, R. M., Jr., 363
 SubbaRow, Y., 359
 Suejkal, W., 193
 Suess, J. F., 364, 383
 Sugar, O., 232, 240
 Sulkin, S. E., 277
 Sullivan, E. R., 111, 114
 Sullivan, W. H., 335
 Sulzberger, M. B., 162
 Sulzberger, M. D. B., 163, 166
 Sunderman, F. W., 385
 Suntzeff, V., 188
 Sure, B., 131
 Surkes, A. W., 153
 Sussman, R. M., 113
 Butler, M., 91
 Butler, N. R., 216
 Suzman, S., 70, 84
 Sviens, H. J., 240
 Swan, C., 227, 228
 Swan, H., 86
 Swanberg, H., 323
 Sweet, H. R., 63
 Sweet, L. K., 6, 235, 236
 Sweet, R. H., 82, 85
 Sweet, W. H., 233, 318
 Sweeneidi, M. E., 359, 360, 361, 363
 Swenson, P. C., 44
 Swenson, R. E., 379
 Swift, H. F., 15, 16, 173
 Swinyard, E. A., 407
 Sydenstricker, V. P., 63
 Szilagyi, N., 64

T

Tafel, R. E., 202
 Taggart, J. V., 101
 Tagnon, H. J., 113, 381
 Tainter, M. L., 313, 314, 407, 412
 Takats, G. de, *see* de Takats, G.
 Talbot, N. B., 379
 Taliaferro, I., 403
 Tannenbaum, A., 181
 Tarail, R., 115, 141, 142, 144, 145, 385
 Taran, L. M., 64
 Tat, R., 361
 Tatting, B., 360
 Taube, H., 410
 Taurog, A., 379
 Taussig, H. B., 70, 83, 84
 Taylor, B. E., 70
 Taylor, E. S., 172, 175
 Taylor, F. H. L., 113
 Taylor, G. G., *see* Gordon-Taylor, G.
 Taylor, H., 43, 144
 Taylor, H. C., Jr., 104
 Taylor, H. K., 117
 Taylor, H. L., 135, 136
 Taylor, L., 331
 Taylor, R. D., 112, 385
 Taylor, S. G., 193
 Tedeschi, C. G., 364
 Templeton, J. Y., 3rd, 87
 Teplick, J. G., 241
 Tereri, J. L., 228
 Terry, M. L., 134
 Terry, R., 107
 Terry, T. L., 227
 Thalheimer, W., 412
 Thannhauser, S. J., 46
 Thayer, S., 146
 Thelen, H. M., 7
 Theobald, G. W., 225
 Thomas, A. J., 65
 Thomas, E. W., 3, 110, 174
 Thomas, H. R. P., *see* Pratt-Thomas, H. R.
 Thomas, L., 365, 383
 Thomas, N., 118
 Thomas, W. L., 208
 Thompson, E., 349
 Thompson, E. A., 349
 Thompson, F. L., 380
 Thompson, F. R., 266

AUTHOR INDEX

Thompson, H. P., 187
 Thompson, R. L., 24
 Thompson, R. T., 4
 Thompson, S. A., 87
 Thompson, W. L., 266
 Thoms, H., 219, 222
 Thomsen, P., 67
 Thorn, G. W., 108, 109,
 144, 377, 378, 396
 Thorsen, G., 292
 Threefoot, L., 108
 Thuolin, L. G., 290
 Tidrick, R. T., 269
 Tiray, E. L., 239
 Tillett, W. S., 4
 Tillgren, N., 404
 Tillman, C. C., 361
 Timofejeff-Ressovsky, N.
 W., 333
 Timpanelli, A., 4
 Titus, P., 202
 Tobias, C. A., 317
 Tobias, G., 191
 Tobias, N., 174
 Toca, R. L., 138, 139, 140,
 359, 361, 362, 363
 Todd, J., 381
 Tolhurst, J. C., 23
 Tolosa, E., 241
 Tomlinson, W. J., 365
 Tompsett, R., 4, 6, 9
 Topley, E., 298
 Topping, N. H., 26
 Torkildsen, A., 241
 Toszeghi, A., 366
 Town, J. E., 216
 Trapasso, T. J., 348
 Traub, F. B., 155
 Traub, R. B., 8, 395
 Traum, A. H., 68
 Traut, H. F., 191
 Treptow, B., 358
 Trincher, I. H., 293, 311,
 312
 Trinick, R. H., 369
 Tripi, H. B., 24
 Trott, J. C., Jr., 114
 Trotter, J. R., 361
 Trout, P. C., 262
 Troutman, W., 289
 Trueta, J., 101, 111
 Trunnell, J., 394
 Trunnell, J. B., 322
 Trupp, M., 240
 Tsao, C. L., 17
 Tsuzuki, M., 299
 Tucker, A. W., Jr., 106
 Tucker, H. A., 110, 348
 Tullis, J. L., 142
 Tumulty, P. A., 4
 Turner, B., 358
 Turner, F. P., 293
 Turner, G. G., 50, 51
 Turner, H. B., 221
 Turrell, E. S., 304
 Tutin, J., 335
 Tutton, G. K., 237
 Tuynman, P. E., 142
 Tweedall, D. C., 163
 Tyler, D. B., 400
 Tyler, F. H., 108, 109
 Tyson, C. J., 101, 108

U

Uihlein, A., 242
 Ulfelder, H., 191, 208
 Uncapher, R. P., 332
 Unger, P. N., 381
 Ungerleider, H. E., 73
 Ungley, C. C., 361
 Unna, K. R., 306, 409
 Urquiza, P., 237
 Urry, W. D., 364

V

Vachon, M., 73
 Valentine, W. N., 332, 365
 Vallee, B. L., 321
 van Allen, A., 24
 Van Bolhuis, J. H., 370
 Vandenberg, J. M., 163
 Vander Brook, M. J., 159
 Van Dyke, H. B., 407
 van Eck, W. F., 37
 Van Loghem, J. J., 368, 370
 Van Noordwijk, J., 118
 Van Patter, W. G., 53
 van Rooyen, C. E., 2
 Van Slyck, D. D., 108, 111,
 112, 295
 Varco, R. L., 79, 80, 84
 Varela, G., 8
 Vargas, J. J., 153
 Varley, H., 101
 Vars, H. M., 381
 Vaughan, J. J., 364
 Veall, N. A., 288, 289
 Veeneklaas, G. M. H., 370
 Venning, E. H., 290
 Verhagen, B. A., 381
 Vermeulen, C. W., 111
 Vieira, Z., 305
 Viele, W. A., 243
 Viersma, H. J., 133
 Vilter, C. F., 359
 Vilter, R. W., 364
 Vineberg, A. M., 87
 Virtue, R. W., 303
 Vislocky, K., 115, 145
 Vitcha, J. F., 303
 Vleeschhouwer, G. R. de,
 see de Vleeschhouwer,
 G. R.
 Voegtlin, W. L., 39
 Vogel, P., 369
 Vogel, P. J., 244
 Volhard, E., 71
 Volini, I. F., 410
 Volwiler, W., 48
 von der Heide, E. C., 359,
 364
 Vorhees, A. B., 383
 Vorzimer, J. J., 380
 Vosburgh, G. R., 369

W

Wade, G. R., 26, 27
 Wadsworth, C. L., 87, 258
 Wagener, H. P., 110
 Wagley, P. F., 275, 366, 367
 Waife, S. O., 114
 Wakim, K. G., 70, 81
 Waksman, S. A., 276
 Walcher, D. N., 14
 Waldbott, C. L., 161, 166,
 174
 Walker, A. E., 232, 242, 243
 Walker, R. B., 358
 Walker, W. W., 191, 233
 Wallace, E. W., 181
 Wallace, H., 181
 Wallace, J. B., 364
 Wallace, S. L., 115
 Wallace, W. M., 109
 Waller, C. W., 359
 Waller, R. K., 369
 Wallerstein, W. H., 369
 Wallin, J. G., 13
 Wallingford, H. M., 189
 Walsh, R. J., 368
 Walshe, F. M. R., 231
 Walter, L. E., 54
 Walter, V. J., 233
 Walter, W. G., 233
 Walters, W., 41, 45, 51
 Walton, J., 51
 Waltz, A. D., 103
 Wandruff, B., 363
 Wang, C. Y., 114
 Wang, S. C., 295
 Wangensteen, O. H., 44, 79,
 80, 409
 Ward, A. T., Jr., 348
 Ward, B. B., 166
 Ward, H. P., 62
 Ward, S. M., 107, 382
 Ware, A. J., 384
 Ware, P. F., 83, 85, 86
 Waring, G. W., Jr., 236
 Warren, J. V., 62, 63
 Warren, S., 191
 Warren, T. N., 189

Warshawsky, H., 182
 Warwick, O. H., 192
 Washington, J. A., 7
 Waterman, N., 188
 Watkin, D. M., 146
 Watkins, C. H., 359
 Watkinson, F., 365
 Watkinson, G., 72
 Watkinson, J. M., 191
 Watson, C. J., 48, 355, 356,
 365, 366
 Watson, C. W., 232
 Watson, G. M., 362
 Watson, J., 139, 365
 Watson, R. F., 15, 16
 Watson, W. L., 281
 Watts, J. W., 244
 Waugh, D., 98
 Waugh, J. M., 45, 56
 Weaver, J., 192
 Webster, J. E., 234, 235
 Wechsler, I. S., 241
 Wégria, R., 62
 Weher, J. J., 244
 Weichselbaum, T. E., 381
 Weiford, E. C., 242
 Weiner, D., 98, 108
 Weiner, H. M., 62
 Weiner, M. A., 174
 Weinstein, L., 12, 17, 18,
 236
 Weinstein, V. A., 41
 Weiseth, W. M., 143
 Weiss, R., 161, 162, 166
 Weiss, W. I., 161, 162, 166
 Weissberg, J., 166
 Welch, A. D., 138, 359, 360,
 363
 Welch, C. E., 44, 88
 Welch, H., 6
 Welham, W. C., 136
 Wellen, I., 104
 Weller, K. E., 161, 162
 Weller, R. W., 364
 Wells, E. B., 6, 7, 8
 Wells, I. C., 365
 Wells, R. E., Jr., 110
 Welsh, C. A., 104
 Wendell, K. K., 27
 Wener, L., 144
 Wenner, H. A., 16
 Wenyon, G. E. M., 295
 Werko, L., 61
 Werkman, M., 296
 Werner, H. W., 155
 Werner, S. C., 317, 321, 379
 Wertman, M., 142
 West, H. E., 239
 West, J. P., 292
 West, J. R., 114
 West, R., 137, 183, 360,
 361, 391
 Weston, R. E., 411
 Westover, L., 296
 Wexler, I., 370
 Wexler, J., 410
 Weymuller, E. A., 348
 Whalen, E. J., 352
 Wheeler, N. C., 61, 63
 Wheeler, P. W., 284
 Whipple, A. O., 48, 52, 56
 Whipple, G. H., 107
 Whipple, R. L., 68
 Whitacre, F. E., 221
 White, A., 380, 381
 White, B. H., 118
 White, F. R., 181
 White, H. J., 4
 White, J., 181
 White, J. C., 87, 88, 92,
 242, 243
 White, P. D., 63, 64, 73,
 134, 135
 White, T. T., 274
 Whitehead, B. W., 114
 Whitfield, I. C., 287
 Whitlock, J. H., 382
 Whitney, D. M., 6
 Whittaker, N., 362
 Whittlesey, P., 3
 Wien, R., 307
 Wiener, A. S., 368, 370
 Wiener, H. J., 380
 Wiener, R. E., 380
 Wiggers, H. C., 295
 Wightman, W. W., 202
 Wigod, M., 368, 369
 Wilander, O., 16, 292
 Wilbur, D. L., 55
 Wilcox, B. B., 68
 Wilcox, C., 3
 Wilcox, L. D., 233, 234
 Wilder, R. M., 377
 Wilhelm, S. K., 142
 Wilkerson, L. C., 385
 Wilkin, M. L., 24
 Wilkins, R. H., 72
 Wilkins, R. W., 63, 73, 411
 Wilkinson, C. F., Jr., 382
 Wilkinson, J. F., 357, 359,
 361, 362, 363, 365
 Wilkinson, M., 232
 Wilkinson, S. A., 49
 Willebrands, A. F., 142
 Williams, B. S., 392
 Williams, C., 65
 Williams, M. D., 321
 Williams, M. H. C., 114
 Williams, R. D., 159
 Williams, R. J., 359
 Williams, R. R., Jr., 40
 Williams, T. J., 225, 226
 Williamson, C. H., 132
 Willner, M. D., 232
 Willson, J. R., 411
 Wilson, A. T., 16
 Wilson, C., 110
 Wilson, E. J., 404
 Wilson, F. N., 65, 68
 Wilson, G., 235
 Wilson, H. E., 98
 Wilson, J. C., 259
 Wilson, J. E., 174
 Wilson, J. M., 50
 Wilson, J. W., 41
 Wilson, M. G., 17
 Wilson, M. M., 405
 Wilson, P., 267
 Wilson, P. D., 268
 Wilson, R. H., 182
 Wilson, S. C., 330
 Wilson, W. C., 289
 Wilson, W. W., 235
 Wilterberger, P. B., 219
 Wiltner, W., 380
 Wimer, B., 361
 Winblad, S., 16
 Winkenwerder, W. W., 161,
 162, 165, 166
 Winkler, A. W., 141, 145,
 393
 Winkley, J. H., 144
 Winn, L., 208
 Winslow, J. A., 63
 Winter, C. A., 158, 159
 Winter, H. A., 146
 Wintrobe, M. M., 355, 356,
 357, 358, 360, 363, 364
 Winzler, R., 190
 Wise, S. P., 192
 Wiseman, R. D., 117
 Witebsky, E., 368
 Witham, A. C., 61
 Witten, V. H., 162
 Wittenborg, M. H., 67
 Wittick, F. W., 161, 162,
 166
 Witts, L. J., 362
 Wolcott, W. W., 294
 Wolf, A., 173
 Wolf, G. A., 112
 Wolf, L. M., 8
 Wolf, S., 37
 Wolff, D., 349
 Wolff, H. G., 37
 Wolff, J., 318
 Wolfson, W. Q., 385
 Wolinsky, E., 273
 Wollaeger, E. E., 52
 Wollemann, O. J., 366
 Woltman, H. W., 241
 Womack, N. A., 48
 Womack, R. K., 105
 Wong, S. C., 6
 Wood, B., 408

AUTHOR INDEX

Wood, E. H., 69, 70, 71, 81, 82
 Wood, P., 63
 Wood, T. R., 137, 360, 391
 Woodford, N., 385
 Woodford, R. B., 252
 Woodhall, B., 231, 233, 240
 Woods, L. A., 314
 Woods, W. W., 114
 Woodward, T. E., 8, 21, 395, 396
 Wooley, H., 346, 347
 Wooley, D. W., 24
 Woolf, B., 72, 89
 Woolf, M. P., 310
 Woolley, G. W., 181
 Woolmer, R. F., 113
 Woolpert, O. C., 98
 Worth, W., 358
 Wright, I. S., 69
 Wright, L. D., 359, 363
 Wright, L. G., 360
 Wright, L. T., 7, 395
 Wright, S., 42, 188
 Wuhrmann, F. H., 381
 Wunderly, C., 381

Wyatt, J. P., 112
 Wyckoff, H., 331
 Wyllie, W. G., 365
 Wyndham, C. L., 63
 Wyngaarden, J. B., 314

Y

Yalow, A. A., 380
 Yampolsky, J., 235
 Yater, W. M., 68
 Yeager, L. B., 117
 Yeagly, J., 403
 Yeh, H. L., 117
 Verena, J. A., 205
 Yonkman, F. F., 154, 155, 405
 Yontef, R., 163
 Youmans, W. B., 65
 Young, A. F., 239
 Young, M. I., 161
 Yudell, M. H., 398

Z

Zaepfel, A., 259

Zahn, W., 410
 Zamcheck, N., 146
 Zamecnik, P. C., 187
 Zatuchni, J., 134
 Zeek, P. M., 105
 Zeidman, I., 185
 Zellers, W. W., 235, 236
 Zerahn, K., 288
 Zernos, N., 236, 237
 Zierler, K. L., 145
 Zimdahl, W. T., 278
 Zimmer, K. G., 333
 Zinkham, W. H., 367
 Zintel, H. A., 9, 11
 Zirkle, R. E., 325
 Zoll, P. M., 67
 Zollinger, R., 50
 Zondek, B., 206
 Zondek, S. G., 115
 Zonis, J., 161
 Zubrod, C. G., 4
 Zuelzer, W. W., 363
 Zulch, K. J., 240
 Zweifach, B. W., 398
 Zweig, M., 403

SUBJECT INDEX

A

Acetylaminofluorene, carcinogenesis and, 184
Acetylcholine, and liver function, tests of, 382
Acidosis, renal
 calcium-phosphate deficiency and, 116-17
 Fanconi's syndrome and, 117
 renal rickets and, 117
Addison's disease
 diagnosis of, 377-78
 adrenocorticotrophic hormone and, 378
 Cutler-Power-Wilder test and, 377
 epinephrine and, 378
 and hypoglycemia, induced, 377
 Robinson-Keppler-Power test and, 377-78
 and 17-ketosteroids, excretion of, 378
 sodium chloride depletion and, 128
Adrenocorticotrophic hormone
 and Addison's disease, diagnosis of, 378
 on rheumatoid disturbances, 396
Aerosporin, *see* Polymyxin
Allergy, 153-75, 430-31
 antibiotics and, 340
 antihistaminic drugs on, 153-60, 399
 histamine and, 153-60
 hypersensitive reactions and, 172-75
 isopropylepinephrine on, 170-72
 orthoxine on, 172
 phenergan on, 400
 poststreptococcal disorders and, 16
 vitamin B₁₂ on, 138
Aluminum compounds, peptic ulcers and, 39
Aluminum hydroxide, antacid effect of, 401
Aluminum silicate, antacid effect of, 401
Amenorrhea
 of early pregnancy, 203
 hormones on, 202, 206
 roentgen ray on, 202
Amino acids, on shock, 294-95
p-Aminobenzoic acid, procaine and, 310
p-Aminohippurate, on kidney, shock and, 296
p-Aminosalicylic acid, on tuberculosis, 276
Ammonium sulfate, and liver function, tests of, 381
Amyloidosis, renal, diagnosis of, 110
Analgesic drugs, 312-14
 meperidine, 407
 methadon, 312-14, 407
 metopon, 408
Anaphylaxis
 animal, 159-60
 histamine and, 153
Anastomosis
 and aorta, coarctation of, 70-71
 gastrointestinal, megaloblastic anemia and, 362
Androgen, on lactation, 206
Anemias
 causes of, 355
 cobalt and, 358
 and glomerulonephritis, diffuse, 103
 of hepatic cirrhosis, 364
 hypochromic, ferritin and, 356
 of infection, 363-64
 iron binding capacity and, 357
 iron therapy and, 357
 of marrow, 364-65
 congenital aregenerative, 365
 Mediterranean, 365-66
 molybdenum and, 358
 and protoporphyrin, erythrocyte, 356
 pteroylglutamic acid and, 392
 sickle cell, 365
 thymine and, 392
 toxic, 363-66
 due to chemicals, 364
 of trauma, 364
 vitamin B₁₂ and, 391-92
 see also Anemias, hemolytic; Anemias, megaloblastic; Blood; Bone marrow; Hematology; *and* Hematopoiesis
Anemias, hemolytic, 366-70
 autoagglutinative, 366-67
 congenital, 367
 Coombs test and, 366, 369
 iso-immunization and, 367-70
 antibody variants and, 368-69
 incidence of, 369
 severity of, 369
 transplacental, recognition of, 369
 treatment of, 369-70
 prostatectomy and, 366
 quinine and, 366
 sulfonamides and, 366
 treatment of, splenectomy and, 367
 see also Anemias; *and* Anemias, megaloblastic
Anemias, megaloblastic, 361-63
 and anastomoses, gastrointestinal, 362
 dibothriophyllum latum, 362
 of gastrectomy, total, 362
 of infancy, 363
 vitamin B₁₂ and, 137-40
 macrocytic, nutritional
 pteroylglutamic acid and, 139
 vitamin B₁₂ and, 139
 macrocytic of pregnancy
 pteroylglutamic acid and, 139-40
 vitamin B₁₂ and, 139-40
 nutritional, 362-63

Anemias, megaloblastic (*cont.*)
 pernicious, 361-62
 cobalt and, 360
 and glossitis, Hunterian, 361-62
 intrinsic factor of, 361
 potassium and, 144
 pteroylglutamic acid and, 359
 thymine and, 359
 vitamin B₁₂ and, 137-39, 360
 pernicious of pregnancy, pteroylglutamic acid and, 363
 vitamin B₁₂ and, 361
see also Anemias; *and* Anemias, hemolytic

Anesthesia, 303-14, 409-10
 acoustic gas analyzer and, 304
 analgesic drugs and, 312-14
 endoscopy and, 352
 inhalation, 303-4
 air-ether mixture, 304
 cyclobutane, 303
 cyclohexane, 303
 cyclopentane, 303
 cyclopropane, 303
 ether, 303
 muscle relaxants, 304-7
 C₁₀, 306-7
 curare, 304-5, 409-10
 flaxedil, 307
 myanesin, 306
 and procaine, intravenous, 309-11, 409
 analgesic action of, 310
 arrhythmias and, 310
 hydrolysis of, 310
 peridural, 224-25
 saddle block, 222-24
 administration of, 223
 agents of, 223
 on blood pressure, 224
 fetal benefits of, 224
 postpartum headache and, 224
 spinal, 307-9
 on eclampsia, 221
 fractional, 307
 nupercaine and, 307-8
 prolongation of, 308-9
 on toxemia of pregnancy, 221
 surital and, 314
 viscosity effusion meter and, 304

Aneurysm, ventricular, electrocardiography and, 68-69

Angioides, visceral, 104-5

Angiography, 231-32
 diodrast and, 232
 thorotrust and, 232
 x-ray and, 232

Antacids, 400-1

Antergan
 allergy and, 152-75
see also Drugs, antihistaminic

Antibiotics, 2-12, 394-96
 administration of, criteria for, 272
 aerosols, effectiveness of, 272

Antibiotics (*cont.*)
 allergy and, 340
 bacterial resistance to, 10-11
 brucellosis and, 21
 combined therapy with, 9-10
 on common cold, 341
 on granuloma inguinale, 22
 hemolytic streptococcal infection and, 17-18
on *Hemophilus pertussis*, 23
 on nervous system, 235
 diseases of, 235-39
 on normal flora, 11-12
 superinfection and, 12
 on pleural cavity, 272-73
 on pleuropneumonia organisms, 22-23
 respiratory diseases and, 271-76
 sinus infection and, 340
 on virus diseases, 24

Antibodies, autogenous, diffuse glomerulonephritis and, 98-99

Anticoagulants
 dicumarol, 397-98
 heparin, 397-98

Antistine
 allergy and, 153-75
 on rhinitis, allergic
 dosage of, 161
 reaction to, 161
see also Drugs, antihistaminic

Aorta, coarctation of
 anastomosis and, 70-71
 blood flow and, 81-82
 blood pressure and, 82
 medical management of, 70-71
 physiopathology of, 81
 pulse wave contours and, 82
 surgical management of, 80-82
 anastomosis and, 80-81
 Potts clamp and, 81

Aortic arch, anomalies of
 ductus arteriosus and, 83
 surgical therapy and, 83
 types of, 83

Arrhythmia, intravenous procaine and, 310, 409

Arsenic, radioactive, 321, 323

Arteriosclerosis, 73-74
 cerebral, 239
 cholesterol and, 73-74

Arthritis, 260-63
 arthrodesis and, 261, 262
 arthroplasty and, 261-62
 hormones and, 260
 nerve sectioning and, 261
 synovectomy and, 262

Arthrodesis
 arthritis and, 261, 262
 and tuberculosis, bone, 259-60

Arthroplasty
 arthritis and, 261-62
 and femur, nonunion of, 268

Ascorbic acid, and sickle cell disease, diagnosis of, 383

Aspirin

on asthma, bronchial, 173
hypersensitivity to, 172-73

Asthma, bronchial

aspirin on, 173
curare and, 305
isopropylepinephrine on, 171
orthoxine on, 172
radiation on, 348

Atom bomb, 331-33
deaths from, causes of, 331
radiation from, 331
and radiation injury, treatment of, 332-33

Atresia, pulmonary, 83-85

Audiology, 348-49

Aureomycin, 6-8

administration of, 7, 273
bacterial diseases and, 7-8
bacterial resistance to, 11
blood levels of, 6-7
brucellosis and, 21
dosage of, 7, 273
on lymphogranuloma venereum, 395
piling-up effect of, 273
on pleural cavity, 273
properties of, 6
on Q fever, 28
respiratory diseases and, 273
rickettsial diseases and, 7
on Rocky Mountain spotted fever, 395
on tuberculosis, 273
uses of, clinical, 8
viruses and, 7, 273

Azo dyes

carcinogenesis and, 181, 182, 184
protein bound, 184

Azotemia, sodium chloride restriction and, 134

B

Bacitracin, 9, 396

effectiveness of, 9

toxicity of, 9

Bacterial diseases, *see* Diseases, bacterial

Ballistocardiogram

abnormal forms of, 61
and aorta, coarctation of, 82

Benadryl

absorption and excretion of, 160
allergy and, 153-75
application of, local, 163
on cardiovascular system, 160
on cold exposure, 165
on edema, anginoneurotic, 162
on insulin sensitivity, 165
on liver extract hypersensitivity, 165
on neuralgia, trigeminal, 165
toxic reactions to, 166

Benadryl (*cont.*)

on tuberculosis, 164

on urticaria, 162

see also Drugs, antihistaminic

Benzodioxan, hypertension and, 403

Bile ducts

diseases of, 49-51
diagnostic procedures and, 49
surgical injuries to, 50-51

Biopsy, cancer diagnosis by, vaginal smear and, 208

Bilalock-Taussig operation, 70, 83-84

congenital heart disease and, 70

criteria of, 83-84

modification of, 84

principles of, 84

Blood

plasma substitutes, 292-93

sugar, tests of, 385

transfusions, continuous drip, 42

transfusions, exchange, 369-70

transfusions, intra-arterial, 293-94, 311-

12

applications of, 312

contraindications for, 312

technique of, 311-12

transfusions, replacement, 412

volume of

carbon monoxide tagging and, 288

estimation of, 287-90

methemoglobin tagging and, 288

peritonitis and, 289-90

and phosphorus, radioactive, 288-89

plasma dye concentration and, 288

postoperative, 289

pregnancy and, 290

T1824 dye and, 287-88

see also Anemia; Hematology; and Hematopoiesis

Bone marrow

aplasia of, idiopathic, 364

dysplasia of, diffuse fibrous, 364

hypoplasia of

 familial, 117, 364-65

 subacute idiopathic, 364

procurement of, 383

Bones, diseases of, 257-69, 435

arthritis, 260-63

calcium deposits, 263

chondromalacia, 262-63

deformities, congenital, 257-58

 club foot, 257

 coxa vara, 258

 hip, dislocation of, 257-58

femur, nonunion of, 268-69

fractures, 266-69

grafts, 266-69

 cancellous bone and, 266-67

 cortical bone and, 266-67

 homografts, 267

 massive, 267

 and nails, types of, 269

Bones, diseases of (*cont.*)
 grafts (*cont.*)
 onlay, 268
 preserved bone and, 267
 infectious, 258-60
 compound fractures and, 259
 pyogenic, 258-59
 tuberculous, 259-60
 low back pain, 263-66
 osteomyelitis, 258
 Pott's diseases, 259
 sciatica, 263-66

Brain
 and lobotomy, frontal, 251-52
 physiology of, 252

Brain, diseases of
 abscess, 237
 cranioplasty and, 242
 hematoma, 242
 injuries, 241-42
 tumors, 240-42
 cerebral hemispheres, 240
 fossa, posterior, 241
 pathology of, 240
 radioactive detection of, 318-19
 ventricular system, 241

see also Brain

Bright's diseases, 97

British Anti-Lewisite
 mercury poisoning and, 114
 on polyneuritis, infectious, 234
 and sickle cell disease, diagnosis of, 383

Bromosulfalein, and liver function, tests of, 381

Bromothen
 allergy and, 153-75
see also Drugs, antihistaminic

Bronchoesophagoscopy, 351-52

Brucellosis, 18-22
 agglutination test for, 20
 techniques of, 21
 antibiotics and, 21
 brucella antigens of, 22
 chronicity of, 19
 diagnosis of, 19-20
 liver and, 18
 relapses of, 21-22
 symptoms of, 19

Bullae, endopleural, development of, 285

Burns, 287-300
 aluminum foil on, 298
 atomic explosions and, 299
 blood volume estimation and, 287-90
 Dakin's solution on, 298
 infection of, 299
 nylon derivative on, 298
 nitrogen balance and, 298
 penicillin on, 299
 plasma protein concentration and, 298
 pyruvic acid paste on, 298
 sodium requirements and, 299-300
 surgical excision of, 298
 x-ray, 298

Burns (*cont.*)
see also Temperature

C

Calcium
 osteomalacia and, 116
 renal insufficiency and, 117

Calcium chloride, and liver function, tests of, 381

Calcium pantothenate, on anemia of gastrointestinal anastomoses, 362

Cancer, *see* Carcinogenesis; and Neoplasms

Carbon monoxide
 blood volume estimation and, 288
 asphyxia, procaine on, 311

Carbon, radioactive, 320
 and chemicals, labeled, 329

Carbon tetrachloride, renal damage and, 114

Carcinogenesis, 179-85
 acetylaminofluorene and, 184
 azo dyes and, 181, 182, 184
 cell irritation and, 343
 chemical carcinogens and, 182, 184
 mutations, germinal, 184-85
 cytoplasmic entity theory of, 188-89

diet on, 181

entire organism and, 180

epidermal, methylcholanthrene and, 185

estrogens and, 182-83, 214

genetic factors and, 180-81

hormonal imbalance and, 181

host and, 179-82

host environment on, 181

and hydrocarbons, polycyclic, 182, 184

inflammation and, 185

methylcholanthrene and, 180, 181

mode of action, 184-85

parasitic infestation and, 183

radiation and, 183

radioactive tracers and, 184

somatic mutation theory of, 188-89

stimulation of, 182-84

virus theory of, 183, 188-89, 343-44

see also Neoplasms

Cardiovascular system, antihistaminic drugs on, 160

Cardiovascular system, diseases of
 anticoagulants and, 397-98
 hyaluronidase, 398

aorta, coarctation of, 70-71, 80-82

aortic arch, anomalies of, 82-83

arteriosclerosis, 73-74

atresia, pulmonary, 83-85

atrial septal defects, 70

blood flow measurement and, 90

cardiomegaly, familial, 64-65

clinical investigation of, 61-62

congenital, 69-71

Blalock-Taussig operation and, 70, 83-84

catheterization and, 69

oximetric analysis and, 69

Cardiovascular system, diseases of (*cont.*)
constrictive pericarditis, 63-64
ductus arteriosus, patent, 79-80
embolism, acute, anticoagulants on, 397-98
foramen ovale, patent, 69
great cardiac arteries, transposition of, 83-85
heart failure, 62-63
bodily changes due to, 62
cardiac glucosides and, 62-63
and glomerulonephritis, diffuse, 102
mercurial diuretics on, 63
tetraethylammonium bromide on, 63
theophylline isopropanolamine on, 63
venesection on, 63
hypertension, 71-73, 88-90
medical management of, 61-74, 422-24
myocardial infarction, electrocardiography and, 68
myocardial ischemia, 87-88
paroxysmal tachycardia, 65
peripheral vascular diseases, 90-92
sympathectomy and, 91, 92
vasodilation agents and, 91-92
pulmonary, 65
radioactivity and, 319
rheumatic heart, 64
stenosis
aortic, 64
mitral, 85-87
pulmonary, 69-70, 83-85
surgical management of, 79-92, 424
thrombosis, anticoagulants on, 397-98
see also Anemias; Blood; Diuretics, mercurial; Heart; Hematology and Hematopoiesis

Caronamide, penicillin and, 3

Catheterization
cardiac, 61
congenital heart disease and, 69

Cephalin, flocculation of, 380

Cervix uteri, cancer of
biopsy diagnosis of, 208
development of, 207
incidence of, 208
radiation and, 209-10, 211, 212
disadvantages of, 212
smear diagnosis of, 207-8
surgery and, 208-11
advantages of, 211
indications for, 210
radical, 213
see also Uterus

Childbirth, 221-27
anesthesia and
peridural, 224-25
saddle block, 222-24
natural, 221-22
prenatal instruction and, 222
psychosomatics and, 222

placenta previa and, 225-27
uterine inertia and, 225

Chloromychetin, 8
bacterial resistance to, 11
on brucellosis, 21
properties of, 8
on Rocky Mountain spotted fever, 395-96
on typhoid fever, 396
on typhus, 395
uses of, clinical, 8

Chlorothen
allergy and, 153-75
see also Drugs, antihistaminic

Chlor-Trimeton
allergy and, 153-75
on rhinitis, allergic, dosage of, 161
see also Drugs, antihistaminic

Cholecystitis, acute, surgery and, 50

Cholesterol
arteriosclerosis and, 73-74
in blood, thyroid function and, 378
and hypercholesterolemia, diagnosis of, 382

Chondromalacia, surgery and, 262-63

Circulation, pulmonary, 62
measurement of, 61

Cirrhosis, hepatic
necrotin and, 46
nutrition and, 46

Cobalt
and anemia, pernicious, 360
hematopoiesis and, 358
radioactive, 323

Cobaltous chloride, on anemia, pernicious, 392

Colloids, radioactive, 323

Common cold
effects of, permanent, 341
mechanisms of, 341
prevention of, 341-42
radiation and, 342
susceptibility to, 341-42

Compound E, on rheumatoid disturbances, 396-97

Congo red test, renal amyloidosis and, 110

Copper, hematopoiesis and, 357-58

Corpus luteum, endometrium and, 204

Corpus uteri, cancer of, 213-15
malignancy of, 214
radiation on, 215
treatment of, 214-15

Cranioplasty, 242

Curare
and adjuncts, anesthetic, 305
anesthesia and, 409-10
endoscopy and, 352
and asthma, bronchial, 305
central nervous effect of, 304-5
and paralysis, intercostal, 305

Cyclobutane, anesthesia and, 303

Cyclohexane, anesthesia and, 303

Cyclopentane, anesthesia and, 303

Cyclopropane, anesthesia and, 303

SUBJECT INDEX

Cysteine, and sickle cell disease, diagnosis of, 383

D

Dale technique, antihistaminic drugs and, 158

Deafness

- acoustic probe and, 348
- audiology and, 348-49
- in children, 347-48
- testing of, 349
- fenestration operation and, 349-50
- otosclerosis, 350
- prevention of, 348
- radiation and, 324, 348
- syphilitic, penicillin on, 348
- vitamins on, 348
- see also* Ear

Decapryn

- allergy and, 153-75
- see also* Drugs, antihistaminic

Delvinal, on epilepsy, 406

Dermatosis, pruritic, antihistaminic drugs on, 162-63

Desensitization, antihistaminic drugs and, 161-62

Desoxycorticosterone, on radiation injury, 332

Desoxycorticosterone acetate

- on hypertension, 129
- sodium chloride regimen and, 128-29
- nephrotoxic nephritis and, 102

Dextran

- anaphylaxis and, 293
- antiserum to, 293
- and *Leuconostoc mesenteroides*, 292

Diabetes

- intercapillary glomerulosclerosis and, 110
- magnesium and, 142
- serum potassium levels and, 142-43

Diagnosis, techniques of, 231-33

- angiography, 231-32
- electroencephalography and, 232-33
- electromyography and, 233
- instruments for, 384-85
- Kveim reaction, 282
- laboratory aids to, 377-88, 437-38
- lung function measurement and, 283
- lung volume measurement and, 283
- oximeter, 283
- pneumoencephalography and, 232
- radioactive isotopes and, 233
- respiratory system and, 283

Diarrhea, potassium and, 143

Dibenamine

- dosage of, 401
- on hypertension, 401-2
- properties of, 401
- side effects of, 402

Dicumarol

- side effects of, 397
- usefulness of, 397

Dihydroergocornine

- on hypertension, 73, 411
- hypotension due to, 411

Dihydroergotamine

- migraine and, 404-5
- side effects of, 404

Dihydrostreptomycin, 5-6, 394-95

- on meningitis, tuberculous, 236-37
- streptomycin and, 6
- toxicity of, 6, 275
- see also* Streptomycin

Diiodofluorescein, cerebral neoplasms and, 233

Diisopropyl fluorophosphate, and liver function, tests of, 381

Diodrast, angiography and, 232

Diphenhydramine, *see* Benadryl

Disc, intervertebral, 234-35

- displaced, treatment of, 265
- and pain, causes of, 265
- spinal fusion and, 264, 265-66
- criteria for, 265
- surgery and, 263-64
- see also* Sciatica

Diseases, bacterial, 12-24

- aureomycin and, 7-8
- pneumonia, 276-79
- tuberculosis, 279-80
- of bone, 259-60
- see also* Pneumonias; and Tuberculosis

Diseases, bone, *see* Bones, diseases of

Diseases, cardiovascular, *see* Cardiovascular system, diseases of

Diseases, ear, *see* Otolaryngology

Diseases, eye, 437

Diseases, fungus, antibiotics on, 272

Diseases, gastrointestinal, *see* Gastrointestinal tract, diseases of

Diseases, infectious, 1-28, 419-21

Diseases, mycobacterial, 23-24

Diseases, neoplastic, *see* Carcinogenesis; and Neoplasms

Diseases, nervous, *see* Nervous system, diseases of; and Neurology

Diseases, nose, *see* Otolaryngology

Diseases, renal, *see* Kidneys, diseases of

Diseases, reproductive, *see* Reproductive system, diseases of

Diseases, respiratory, *see* Respiratory system, diseases of

Diseases, reticuloendothelial, 1: 425-26

Diseases, rickettsial, 27-28

- aureomycin and, 7
- pneumonia, 276-79
- pox, 28
- diagnosis of, 28
- Q fever, 27-28, 277-78
- see also* Pneumonias

Diseases, throat, *see* Otolaryngology

Diseases, virus, 24-27

- antibiotics on, 24
- aureomycin on, 7
- pneumonia, 276-79

Diseases, virus (*cont.*)
polysaccharides on, 24
respiratory
classification of, 26
experimental, 25-26
stillbirth and, 228-29
of upper respiratory tract, 340-42
see also Pneumonias

Diuretics, mercurial, 410-11
heart failure and, 63
side effects of, 410
thiomerin, 410

Dramamine
on Ménière's disease, 350
on motion sickness, 164-65, 399-400
vasodilator effect of, 155

Drugs, adrenolytic, 401-5
benzodioxan, 403-4
dibenamine, 401-2
dihydroergotamine, 404-5
ergot, alkaloids of, 404
methergine, synthetic, 405
priscoline, 405
tetraethylammonium chloride, 402-5

Drugs, antihistaminic, 398-400
absorption and excretion to, 160
allergy and, 153-60, 399
anaphylactic shock and, 159-60
application of, local, 163
on asthma, bronchial, 162
available forms of, 167-69
cardiovascular reaction to, 160
chemistry of, 155-58
clinical observations on, 160-65
comparative effectiveness of, 158, 159
Dale technique and, 158
on dermatosis, pruritic, 162-63
desensitization and, 161-62
on edema, anginoneurotic, 162
epinephrine and, 398-99
on erythema, ultraviolet, 163
histamine and, 154-55
histamine intoxication and, 158-59
on infections, 164
on migraine, 163-64
on motion sickness, 164-65, 399-400
on radiation injury, 332
on rhinitis, allergic, 160-62
dosage of, 161
effectiveness of, 161
reaction to, 161
stability of, 160
toxic reactions to, 165-70
on tuberculosis, 164
on urticaria, 162
vasoconstrictor effect of, 154-55
vomiting and, 399
see also Histamine

Drugs, antispasmodic, 405-10
analgesic, 407
epilepsy and, 406-7
myanesin, 408-9

Drugs, antispastic (*cont.*)
parpanit, 409
procaine, 409

Ductus arteriosus, patent, 79-80
occlusion and, 79
techniques of, 79-80

Duodenum, diseases of, 37-45
tumors, 44-45
ulcers, peptic, 38-43

Dyskinesia, mechanisms of, 49

Dysmenorrhea
hormones and, 206
surgery and, 206

E

Ear, 347-51
common cold on, 340-41
deafness, 347-49
fenestration operation and, 349-50
Ménière's disease, 350-51
otosclerosis and, 350
see also Deafness; and Otolaryngology

Eclampsia
and anesthesia, spinal, 221
tetraethylammonium chloride on, 221

Edema
anginoneurotic, antihistaminic drugs on,
162
nephrotic, 108

Electrocardiography, 65-69
and aneurysm, ventricular, 68-69
anoxemic tests and, 67-68
bundle branch block and, 67
electrical doublet theory and, 66
electrical resistance and, 65
and infarction, myocardial, 68, 69
injury on, 66
and necrosis, subendocardial, 68
potassium and, 141-42
precordial, 66
unipolar intracardiac, 67
unipolar limb leads, augmented, 65-66

Electroencephalography, 232-33

Electrokymography, heart movement and,
61

Electromyography, 233

Electrophoresis, and liver function, tests of,
380-81

Emphysema, tuberculosis and, 284-85

Empyema, subdural, antibiotic agents and,
235

Encephalomyelitis, 237-38
classification of, 238
treatment of, 238

Endocrinology, 428-30

Endometriosis, 215-16
cancer and, 216
etiology of, 215
intestinal tract and, 216
surgery and, 216

SUBJECT INDEX

Endometrium
biopsy of, 205
corpus luteum and, 204
hormones on, 204

Endoscopy, gastrointestinal diseases and, 35

Enterogastrone, antacid effect of, 400

Ephedrine, and anesthesia, prolongation of, 308

Epilepsy, 242-43
anticonvulsant drugs on, 406
dilantin and, 406
electroencephalography and, 232-33
focal, 242-43
medical therapy and, 243
mesantoin and, 406
psychomotor, 243
surgical therapy and, 243

Epinephrine
and Addison's disease, diagnosis of, 378
and anesthesia, prolongation of, 308
and drugs, antihistaminic, 398-99
excitatory effect of, 171
histamine and, 153-54
compensatory mechanism of, 153-54
inhibitory effect of, 170-71

Erythema, ultraviolet, antihistaminic drugs on, 163

Erythroblastosis fetalis, 367-70

Erythro tetranitrate, anemia due to, 364

Esophagus, diaphragmatic hernia of, 36-37

Estrogens
on amenorrhea, 202, 206
on cancer, 192-93
carcinogenesis and, 182-83, 214
on hormonal cycle, 201
on menstruation, 204-5, 206

Ether
anesthesia and, 303
tension, measurement of, 304

F

Fanconi's syndrome, 364-65
renal acidosis and, 117

Fenestration operation, 349-50

Ferritin
chemistry of, bodily, 356
iron absorption and, 356

Fibroplasia, retroental, on newborn infants, 227

Flaxedil, anesthesia and, 307

Fluorokymography, heart movement and, 61

Folic acid, *see* Pteroylglutamic acid

Foramen ovale, patent, pulmonary stenosis and, 69

Formalin, and liver function, tests of, 381

G

Gallbladder, diseases of, 49-51
diagnostic procedures and, 49

Gallbladder, diseases of (*cont.*)
medical management of, 50
surgical management of, 50-51

Gallstones, silent, surgical management of, 50

Gastrectomy
anemia and, 362
cancer and, 45
subtotal, peptic ulcers and, 40
vagotomy and, 41

Gastroenterostomy, vagotomy and, 41

Gastrointestinal tract, diseases of, 35-56, 421-22
endoscopy and, 35
roentgenology and, 35
tetraethylammonium chloride and, 403
tumors, 44-45

Geiger-Muller counter
radiocardiography and, 61-62
and radioiodine, thyroid uptake of, 379
see also Radioactivity

γ -Globulin
and liver function, tests of, 380-81
on viral hepatitis, 26

Glomerulonephritis, diffuse, 97-104
age on, 100
anemia and, 103
autoantibodies to kidney and, 98
autoantigen-autoantibody production and, 98
site, 99
cardiac decompensation and, 102
chronicity of, 99-100
diet and, 104
electrocardiographic changes in, 102-3
exercise and, 104
extrarenal disorders and, 102
glomerular filtration rate and, 101-2
lupus erythematosus and, 105
neurologic disorders and, 103
pathology of, 100-1
penicillin and, 103
pregnancy and, 104
psychiatric management of, 104
renal blood flow and, 101-2
sulfonamides and, 103
and tissue poisons, nonspecific, 97-98
treatment of, 103-4
and tubular transfer rates, maximal, 101-2
types of, 99

Glomerulonephritis, focal, 104

Glomerulosclerosis, intercapillary, diabetes and, 110

Glomus jugularis, 347

Glossitis, Hunterian, pernicious anemia and, 361-62

Glucosides, cardiac, on heart failure, 62-63

Glutathione, and sickle cell disease, diagnosis of, 383

Glycosides, cardiac, *see* Glucosides, cardiac

Glycolysis, cancer and, 187

Goiter, diagnosis of, 346-47

Gold
colloidal, 380
radioactive, 321

Gonadotropin
on amenorrhea, 202
on ovulation, 201
on sterility, 201

Granuloma inguinale, antibiotics on, 22

Graves' disease, 392-94
and iodine, radioactive, 321-22, 393-94
and isotopes, radioactive, 317-18
propylthiouracil on, 392-93
surgery on, 393
thiourea on, 393

H

Heart
electrocardiography and, 65-69
output of, measurement techniques of, 61
percussion of, 62
see also Cardiovascular system, diseases of

Hemagglutinin, *Hemophilus pertussis* and, 23

Hematology, 355-70, 425-26
clot retraction time, measurement of, 384
clotting defects, protamine and, 383
diagnostic techniques and, 382-84
erythrocytes
counting of, 382
and sedimentation tests, standardization of, 383
and sickling, detection of, 382-83
marrow, procurement of, 383
prothrombin concentration, determination of, 384
see also Anemias; Blood; and Hematopoiesis

Hematopoiesis
cobalt and, 358
copper and, 357-58
ferritin and, 356
and heme, synthesis of, 355
iron and
absorption of, 356
therapy with, parenteral, 357
transportation of, 356
molybdenum and, 358
nutrition and, 137-40
and protoporphyrin, erythrocyte, 355-56
pteroylglutamic acid and, 358-59
siderophilin and, 357
vitamin B₁₂ and, 360-61
vitamins and, 358-61
see also Anemias; Blood; and Hematology

Hemiplegia, myanesin on, 408

Hemophilus pertussis, and hemagglutinin, antibiotics on, 23

Hemorrhage
cerebral, 239
gastrointestinal, surgery and, 42-43
peptic ulcers and, 42-43

Hemorrhage (cont.)
placenta previa and, 225-26
radiation therapy and, 212
shock and, 287
splenectomy and, 48
varices, esophageal and gastric, treatment of, 48-49

Heparin
chemistry of, 397
synthetic, 397
usefulness of, 397

Hepatitis, viral
γ-globulin on, 26
icteric and nonicteric, 46-47
ultraviolet radiation on, 27

Hepatobiliary system, diseases of, 45-56
gallbladder and ducts, 49-51
liver, 45-49
pancreas, 51-56
see also Liver

Hernia, diaphragmatic
classification of, 36
esophagoscopy and, 36-37
etiological factors of, 36
roentgenoscopy and, 37
symptoms of, 36

Hetramine
allergy and, 153-75
see also Drugs, antihistaminic

Histadyl
allergy and, 153-75
on edema, anginoneurotic, 162
toxic reactions to, 166
on urticaria, 162
see also Drugs, antihistaminic

Histamine
allergy and, 153-60
anaphylaxis and, 153
antihistaminic drugs and, 154-55
epinephrine and, 153-54
compensatory mechanism of, 153-54
intoxication by, 158-59
pharmacological effects of, 154
see also Drugs, antihistaminic

Hodgkin's disease, amine mustards and, 191-92

Hormones
on amenorrhea, 202, 206
on arthritis, 260
on dysmenorrhea, 206
on endometrium, 204
on hormonal cycle, 201
on menstruation, 203-4, 205-6
on rheumatoid disturbances, 396-97
on sterility, 201-2

Hyaluronidase
anticoagulation and, 398
on sterility, 202, 398

Hydrocarbons, polycyclic, carcinogenesis and, 182, 184

Hydrogen sulfide, and sickle cell disease, diagnosis of, 383

Hyoscine, on motion sickness, 400

Hydryllin, on bronchial asthma, 162

Hypercholesterolemia
diagnosis of, 382
nephrotic, 108

Hypersensitivity, 172-75
to aspirin, 172-73
to penicillin, 173-74
to streptomycin, 174

Hypertension, 71-73, 88-89
benzodioxan and, 403
body build and, 135
caloric reduction on, 135-37
degrees of, 136
cation-exchange resins and, 134
criteria of improvement, 127-28
deoxycorticosterone acetate on, 129
dibenamine on, 401-2
diets on, clinical use of, 130-33
dihydroergocornine on, 73, 411
effects of, 71-72
and glomerulonephritis, diffuse, 102
hereditary factors of, 71
low-salt diet on, 72, 128, 130, 133
dangers of, 133-35
mercurial diuretics and, 133
norepinephrine and, 73, 411-12
nutrition and, 127-37
obesity and, 135
poststarvation, 137
protein restriction and, 131-32
pulmonary
causes of, 284
roentgen-ray analysis of, 284
renal ischemia and, 71
rice diet on, 72, 128, 129, 133
dangers of, 133-35
on nitrogen equilibrium, 134
sodium restriction and, 132-33
sodium on, 130
sodium chloride on
desoxycorticosterone acetate and, 128-29
restriction of and azotemia, 134
tetraethylammonium chloride floor
and, 131
water metabolism and, 130
and stenosis, mitral, 85-86
suprarenal medulla and, 73
suprarenals and, 71
sympathectomy and, 72, 88-90
tetraethylammonium chloride on, 73, 402
thiocyanates on, 72-73
veratrum viride on, 73, 411

Hypotension
dihydroergocornine and, 411
tetraethylammonium chloride and, 402

Hysterosalpingography, tubal occlusion
and, 199-200

I

Immunization
influenza and, 25

Immunization (*cont.*)
mumps and, 27
virus classification and, 25

Infarction, myocardial
anticoagulants and, 69
electrocardiography and, 68

Infarction, pulmonary, causes of, 284

Infections
antihistaminic drugs on, 164
pyogenic, of upper respiratory tract, 340-42

Influenza, immunization against, 25

Insufficiency, adrenal, *see* Addison's disease

Insufflation, tubal occlusion and, 199-200

Intestines, obstruction of, potassium on, 144

Iodine
antithyroid drugs and, 318
protein-bound
determination of, 379
thiocyanate blocking of, 318
radioactive
and chemicals, labeled, 329
Graves' disease and, 321-22, 393-94
hypothyroidism and, 394
and neoplasms, detection of, 318-19
peripheral circulatory impairment and, 319
thyroid and, 317-18, 379-80
thyroid cancer and, 322

Iron
binding of, siderophilin and, 357
bodily absorption of
defective, 356
ferritin and, 356
parenteral therapy with, 357
radioactive, 320-21
blood volume and, 319
Ischemia, myocardial, 87-88
and cardiosensory pathways, interruption
of, 87
revascularization and, 87-88
and sinus, coronary, arteriolization of, 88

Ischemia, renal, hypertension and, 71

Isopropylepinephrine, 170-72
administration of, 171-72
on asthma, bronchial, 171
toxic effects of, 172

Isotopes, radioactive, 233, 317-24
alpha ray therapy and, 323
arsenic, 321
beta ray therapy and, 323-24
carbon, 320
definition of, 325
gold, 321
Graves' disease, diagnosis of, 317-18
heavy, 319-20
iron, 320-21
measurement standards of, 326-27
nasopharyngeal irradiation and, 324
procurement of, 327-30
tagged chemicals and, 328-30
therapy with 321-24

Isotopes, radioactive (*cont.*)
 thyroid function and, 317-18
 zinc, 321
see also Radioactivity

J

Jaundice
 diagnosis of, 49-50
 pancreatic cancer and, 55
 tests for, 47

K

17-Ketosteroids, excretion of
 Addison's disease and, 378
 shock and, 291
 Kidneys, diseases of, 97-118, 425
 artificial kidney and, 296, 412
 failure, acute, 412-13
 artificial kidney and, 412
 diet and, 412
 intestinal irrigation and, 413
 peritoneal dialysis and, 412-13
 and transfusion, replacement, 412
 insufficiency, 115-18
 calcium and phosphate metabolism
 and, 116
 characteristics of, 115
 toxic agent retention and, 115
 vitamin D and, 117
 nephritides, 97-106
 nephroses, 106-14
 peritoneal lavage and, 296
 shock and, 295-97
 β -aminohippurate and, 296
 insufficiency, 296
 Trueta shunt and, 297
 tubular function and, 296
 urine tests of, 385
 vivialysis and, 118
see also Nephritides; and Nephroses

L

Labor, *see* Childbirth
 Lactation, androgen on, 206
Leuconostoc mesenteroides, dextran and, 292
 Leukemia
 anti-follic acid compounds and, 192
 and isotopes, radioactive, 321
 α -methopterin and, 392
 and phosphorus, radioactive, 322
 urethane and, 191
 Lipemia, nephrotic, 108
 Liver
 diseases of, 45-49
 diagnosis of, 47
 extracts of
 anemia of gastrectomy and, 362

Liver (*cont.*)
 extracts of (*cont.*)
 anemia of gastrointestinal anastomoses
 and, 362
 pteroylglutamic acid and, 359
 sprue and, 363
 vitamin B₁₂ and, 392
 function of, procaine on, 310-11
 hemorrhages, treatment of, 48-49
 hepatic cirrhosis and, 46
 needle biopsy of, 47-48
 shock and, 294
 tests of, 47, 380-82
 dye excretion and, 381
 γ -globulin and, 380-81
 serum esterase level and, 381-82
 vitamin K and, 381
see also Hepatobiliary system, diseases of
 Lobotomy, frontal, 251-52
 Loeffler's syndrome, 278-79
 Lung, *see* Respiratory system; and Respiratory system, diseases of
Lupus erythematosus, renal complications of, 105
Lymphogranuloma venereum, aureomycin on, 395
Lysozyme, ulcers and, 37

M

Magnesium, diabetes and, 142
Malononitrile, on nervous system, 251
Marmite, on anemia of gastrointestinal anastomoses, 362
Mebaral, on epilepsy, 406
Medulla, suprarenal, hypertension and, 73
Ménière's disease
 dramamine on, 350
 nervous system and, 243
 surgery and, 350-51
Meningitis
 purulent, 236
 tuberculous, 236-37
 diagnosis of, 237
 treatment of, 237
Menstruation, 202-6
 amenorrhea of pregnancy and, 203
 concepts of, 203
 endometrium and
 biopsy of, 205
 corpus luteum and, 204
 estrogen on, 204-5, 206
 hormones on, 203-4, 205-6
 physiology of, 202-3
 precocious, 205
 testosterone on, 206
 tubal motility and, 204
Meperidine, analgesia and, 407
Mercury
 poisoning, British Anti-Lewisite and, 114
 potassium excretion and, 146
Merthiolate, preserved bone and, 267

SUBJECT INDEX

M

Memantoin
anemia due to, 364
chemistry of, 406
dosage of, 407
on epilepsy, 406
toxic effects of, 406

Methadon, 312-14
addiction to, 313, 314
analgesic properties of, 313, 314, 407
sedative effect of, 313, 314
side effects of, 313, 314

Methemoglobin, blood volume estimation and, 288

Methergine, synthetic, on uterus, 405

α -Methopterin, on leukemia, 392

Methopyrilene, *see* Histadyl

Methylcholanthrene, carcinogenesis and, 180, 181
epidermal, 185

Methylene blue, lobectomy and, 281

Metopon, analgesia and, 408

Metrazol, electroencephalography and, 232-33

Migraine
antihistaminic drugs on, 163
dihydroergotamine on, 404-5

Molybdenum, hematopoiesis and, 358

Motion sickness
antihistaminic drugs on, 164-65
dramphetamine on, 399-400
hyoscine on, 400

Mumps
inapparent, 27
inoculation against, 27
maternal, on fetus, 228

Myanezin
dosage of, 408
on hemiplegia, 408
psychiatry and, 306
selective depressant effect of, 306
side effects of, 306, 408
on spasticity, 408

Myeloma, multiple, stilbamidine on, 192

Myopathy, traumatic, 235

Myosclerosis, 364

N

Necrosis
bilateral cortical, shock and, 112-13
nephrosis and, 110-14
subendocardial, electrocardiography and, 68

Neoantergan
allergy and, 153-75
on asthma, bronchial, 162
on liver extract hypersensitivity, 165
see also Drugs, antihistaminic

Neohetramine
allergy and, 153-75
on cardiovascular system, 160
on rhinitis, allergic, dosage of, 161

Neohetramine (cont.)
on tuberculosis, 164
see also Drugs, antihistaminic

Neomycin, on mycobacteria, 276

Neoplasms, 179-94, 431-32
amine mustards and, 191-92
anaplasia and, 186
androgen therapy and, 193
anti-folic acid compounds and, 192
autonomy of, 185-86
biochemistry of, 187
biology of, 185-87
on blood protein, 190
branchial cysts, 346
of carotid body, 346
cell reproduction, initiating stimuli and, 186
cell type and, 187
of cervix uteri, 207-13
biopsy diagnosis of, 208
development of, 207
incidence of, 208
radiation and, 209-10, 211, 212
radiation and, disadvantages of, 212
smear diagnosis of, 207-8
surgery and, 208-11
surgery and, advantages of, 211
surgery and, indication for, 210
surgery and, radical, 213
characteristics of, 186-87
and colloids, radioactive, 323
constituents of, specific abnormal, 187-88
of corpus uteri, 213-15
malignancy of, 214
radiation on, 215
treatment of, 214-15

diagnosis of, 190-91
biopsy and, 190
exfoliated cytology and, 190-91
radioactive tracers and, 191

endometriosis and, 216

of esophagus, 343-47

estrogen therapy and, 192-93

glomus jugularis, 347

glycolysis and, 187

goiter, 346-47

growth of, 186

on hormone metabolism, suprarenal cortical, 190

host, relationship with, 189-90

hyperfunction and, 190

of hypopharynx, 347

of larynx, 351-52
radiation and, 345
surgery and, 345
symptoms of, 344-45

of lung
diagnosis of, 281-82
pneumonectomy on, 281

lymphoma, malignant, 345

metastatic
nasopharyngeal, 344

Neoplasms (cont.)
metastatic (cont.)
in neck, 345
radioactivity and, 319, 322
metopon on, 408
of mouth
chronicity of, 344
syphilis and, 344
treatment of, 344
nasopharyngeal
metastatic, 344
symptoms of, 344
nature of, 185-89
of neck, lowlying, 346-47
nucleoproteins of, 189
orchectomy and, 192
of pancreas, 55
pelvic, diagnostic delay and, 212
preinvasive, diagnostic criteria for, 207
radiation and, 191
radioactivity and, 318-19
S. marcescens polysaccharide on, 192
of sinuses, paranasal
symptoms of, 345-46
treatment of, 346
species susceptibility to, 180
of stomach and duodenum, 44-45
malignant, 44-45
nonmalignant, 44
surgical management of, 191
thyroglossal cysts, 346
of thyroid, radioactive iodine and, 322
tissue susceptibility to, 180
treatment of, 191-94
chemical classification of, 193-94
of upper respiratory tract, 343-47
urethane, 191
of uterus, 207-16
see also Brain, diseases of; and Carcinogenesis
Neosynephrine, and anesthesia, prolongation of, 308
Nephritides, 97-106
glomerulonephritis
diffuse, 97-104
focal, 104
pyelonephritis, 105-6
serum potassium levels and, 143-44
visceral angioides, 104-5
see also Glomerulonephritis, diffuse
Nephroses, 106-14
hemoglobinuric
causes of, 113-14
characteristics of, 113
lipoid
characteristics of, 109
viruses and, 109-10
necrotizing, 110-14
anoxia and, 111
arteriovenous shunting and, 112
carbon tetrachloride and, 114
characteristics of, 110-11
Nephroses (cont.)
necrotizing (cont.)
heavy metals and, 114
mercury poisoning and, 114
peripheral circulatory collapse and, 111
renal vasoconstriction and, 111-12
proteinuric, 107-10
characteristics of, 107
and circulatory disturbances, intra-renal, 109
diuresis and, 108-9
edema and, 108
hypercholesterolemia and, 108
lipemia and, 108
proteinuria and, 107-8
syphilis and, 110
types of, 106-7
Nerves
antibiotics on, 235
grafting of, 233
malononitrile on, 251
peripheral, 233-34
amputation stumps and, 234
sectioning of, arthritis and, 261
on shock, 295
see also Brain; Nervous system, diseases of; Neurology; and Spinal cord
Nervous system, diseases of, 235-39, 433-34
aneurysm, intracranial, 240
arteriosclerosis, cerebral, 239
brain
abscess, 237
injuries, 241-42
tumors, 240-41
empyema, subdural, 235-36
encephalomyelitis, 237-38
epilepsy, 242-43
hemorrhage, cerebral, 239
Ménière's syndrome and, 243
meningitis,
purulent, 236
tuberculous, 236-37
myasthenia gravis, 243-44
pain and, 244
poliomyelitis, 238-39
polyneuritis, infectious, 233-34
vascular, 239-40
see also Brain, diseases of; Nerves; Neurology; and Spinal cord
Neurology, 231-44
diagnosis techniques of, 231-33
nerves, infections of, 235-39
peripheral nerves and, 233-34
spinal cord and, 234-35
see also Nerves; and Nervous system, diseases of
Neuropathy, Addisonian, vitamin B₁₂ and, 361
Nitrogen, body balance of, and burns, 298
Nitrogen mustards, on cancer, 191-92
Nitrous oxide, anesthetic adjuncts and, 305

Norepinephrine, hypertension and, 73, 411-12

Nose
diseases of, 339-52
see also Otolaryngology

Nucleoproteins, cancer and, 189

Nupercaine, anesthesia and, 307-8

Nutrition, 127-47, 426-28
hepatic cirrhosis and, 46
on hypertension, 127-37
parenteral, 146-47
fat emulsions and, 146-47
inadequacy of, 146
potassium and, 141-46
vitamin B₁₂ and, 137-40

O

Obesity
hypertension and, 135
overweight and, 136
specific gravity and, 135

Obstetrics, 219-29, 433
childbirth, 221-27
infants, newborn, 227-29
and fibroplasia, retrosternal, 227
and rubella, maternal, 227-29
pregnancy, 219-21

Orchiectomy, cancer and, 192

Orthoxine
on allergy, 172
on asthma, 172
toxicity of, 172

Osteomalacia, calcium-phosphate deficiency and, 116

Osteomyelitis
penicillin and, 258
surgery and, 258-59

Otolaryngology, 339-52, 437
broncho-esophagoscopy and, 351-52
chemotherapy and, 339-40
common cold and, 340-42
ear, 347-51
irradiation and
nasopharyngeal, 342-43
of sinuses, 342-43
lymphoid tissue, antibody formation and, 342
nasal medication and, 340
neoplastic diseases and, 343-47
penicillin and, 339
and sinus infection, antibiotics on, 340
sulfonamides and, 339

Otosclerosis, diagnosis of, 350

Ovulation
gonadotropin on, 201
roentgen ray on, 202

P

Pain, 244
tetraethylammonium chloride and, 403

Pancreas
function of, tests of, 51-52
resection of, 56

Pancreas, diseases of, 51-56
cancer, 55
jaundice and, 55
symptoms of, 55
surgical management of, 55-56
see also Pancreas; and Pancreatitis

Pancreatitis
acute, 53-54
bodily changes from, 53
treatment of, 53-54
types of, 53

amylase test and, 52

chronic, 54
diagnosis of, 54
treatment of, 54
pain from, relief of, 54-55
secretion test and, 52

Pancreatectomy, total, 56

Paralysis, familial periodic, potassium on, 141

Parapnit, on spasticity, 409

Penicillin, 2-5
action of, 2
administration of, criteria for, 272
aerosols, effectiveness of, 272
aluminum monostearate and, 3
amino acids and, 2
bacterial resistance to, 10
blood level of, 5
on burns, 299
caronamide and, 3
concentration of, 5
on deafness, syphilitic, 348
dosage of, 5, 271
on empyema, subdural, 235-36
fungus diseases and, 272
and glomerulonephritis, diffuse, 103
on hemolytic streptococcal infection, 17-18

on meningitides, purulent, 236

microorganism resistance and, 4-5
on normal flora, 11

in oil, 3
osteomyelitis and, 258-59

otolaryngology and, 339

on pleural cavity, 272-73

procaine salt of, 2-3, 394

repository, 2-3

respiratory diseases and, 271-73

Schwartzman phenomenon and, 174

staphylococci and, 11, 12

therapy, continuous, 4

therapy, discontinuous, 3-5

toxic effects of, 173-74

in water, 3

Pentothal sodium
and adjuncts, anesthetic, 305
and anesthesia, endoscopy and, 352

Perazil
allergy and, 153-75
see also Drugs, antihistaminic

Periarteritis nodosa, renal complications of, 104-5

Pericarditis, constrictive, diagnosis of, 63-64

Peritonitis, blood volume estimation and, 289

Pertussis, streptomycin on, 274

Phenergan
allergy and, 153-75, 400
infections and, 164
stability of, 160
see also Drugs, antihistaminic

Phenobarbital, on epilepsy, 406

Phenol, blood concentration of, 115

Phenylbenzoate, and liver function, tests of, 382

Phenylsodium, on epilepsy, 406

Phosphate, excretion of and shock, 294

Phosphorus
osteomalacia and, 116
radioactive
blood volume and, 288-89, 319
and calculi, urinary, 322
on gonads, 322
leukemia and, 322
and neoplasms, cerebral, 233
and neoplasms, detection of, 318-19
and neoplasms, metastatic, 322
polycythemia and, 332
renal rickets and, 116

Pitressin, and anesthesia, prolongation of, 308

Pituitary extract, on uterine inertia, 225

Placenta previa, 225-27
expectant treatment of, 226
fetal mortality and, 225-26
vaginal examination and, 226-27

Pneumonencephalography, 232

Pneumonias, 276-79
atypical, 276-77
etiological agents of, 277
psittacosis and, 277
ricketsiosis and, 277

Beryllium, 330

Loeffler's syndrome, 278-79

pneumonitis, 278

Q fever and, 277-78

streptomycin on, 274

Pneumonitis, 278
chemical, 278
rheumatic, 278

Pneumoconioses, 282

Poliomyelitis, 238-39
bulbar, treatment of, 239
nonparalytic, 239

Polycythemia
cobalt and, 358
and phosphorus, radioactive, 322

Polymyxin, 9
toxicity of, 9

Polysaccharides, on virus diseases, 24

Potassium
and anemia, pernicious, 144
blood concentration of, 115-16
determination, methods of, 384-85
diabetic coma and, 142-43
diarrhea and, 143
and diuretics, mercurial, 146
economy of, 145-46
electrocardiography and, 141-42
intestinal obstruction and, 144
metabolism of, 141
and nephritis, chronic, 143-44
nutrition and, 141-46
on paralysis, familial periodic, 141
sodium and, 145

Pregnancy, 219-21
blood volume estimation and, 290
and glomerulonephritis, diffuse, 104
tests of, 219-20
toxemia of, 220-21
and anesthesia, spinal, 221
tetraethylammonium chloride on, 220
veratrum viride on, 220, 221

Priscoline
dosage of, 405
properties of, 405
side effects of, 405

Privine, on allergic rhinitis, reaction to, 161

Procaine
p-aminobenzoic acid and, 310
anesthesia and, 309-11
analgesic action of, 310
arrhythmias and, 310
hydrolysis of, 310
carbon monoxide asphyxia and, 311
dosage of, 409
liver function and, 310-11
tests of, 382
penicillin compound of, 2-3, 394
side effects of, 409
on spasm, 409

Progesterone, on amenorrhea, 202, 206

Promin
toxicity of, 275
on tuberculosis, 275

Propylthiouracil
on Graves' disease, 392-93
iodine binding and, 318

Prostatectomy, and hemolytic anemia, 366

Protamine
and clotting defects, measurement of, 383-84
on radiation injury, 332

Protein hydrolysates, antacid effects of, 401

Proteins
plasma concentration of, burns and, 298
restriction of
and glomerulonephritis, diffuse, 104
on hypertension, 131-32
siderophilin, 357

Proteinuria, nephrotic, 107-8

Protoporphyrin, erythrocyte, 355-56
 Psittacosis, and atypical pneumonia, 277
 Psychiatry, 251-54, 434-35
 brain blood flow and, 252
 and development, racial and mental, 252-53
 Kinsey report and, 254
 legal concepts of, 254
 malononitrile and, 251
 myanesin and, 306
 and psychotherapy, group, 253
 semistarvation neurosis and, 252
 social dynamics and, 253-54
see also Brain, diseases of; Nerves; Nervous system, diseases of; and Neurology

Psychosomatics
 childbirth and, 222
 gastrointestinal diseases and, 35
 hypertension and, 137
 Psychotherapy, group, 253
 Pteroylglutamic acid
 anemia and, 392
 of gastrectomy, 362
 macrocytic, nutritional, 139
 macrocytic of pregnancy, 139-40
 megaloblastic, nutritional, 362-63
 pernicious, 359
 pernicious of pregnancy, 363
 hematopoiesis and, 358-59
 liver extract and, 359
 sprue and, 363
 vitamin B₁₂ and, 360
 Puberty, precocious, causes of, 205
 Pyelonephritis, 105-6
 characteristics of, 105
 diabetes and, 106
 diodrast clearance and, 105-6
 diodrast tubular maximum and, 105-6
 inulin clearance and, 105-6
 Pyribenzamine
 absorption and excretion of, 160
 allergy and, 153-75, 399
 application of, local, 163
 on cardiovascular system, 160
 on cold exposure, 165
 on erythema, ultraviolet, 163
 on neuralgia, trigeminal, 165
 on rhinitis, allergic
 effectiveness of, 161
 reaction to, 161
 toxic reactions to, 166
 on tuberculosis, 164
see also Drugs, antihistaminic
 Pyridoxine, on radiation injury, 332
 Pyrrolazote
 allergy and, 153-75
see also Drugs, antihistaminic
 Pyruvic acid, on burns, 298

Q

Q fever, 277-78
 and antibodies, complement-fixing, 277
 sources of, 277
 transmission of, 277-78
 Quinine, and hemolytic anemia, 366

R

Radioactivity, 317-35, 436-37
 angiography and, 231-32
 atomic bomb and, 331-33
 biology and, 334-35
 blood flow measurement and, 90-91
 carcinogenesis and, 183
 cardiovascular system and, 319
 colloids and, 323
 and common cold, prevention of, 342
 contamination with, 332
 education and, 333-34
 electroencephalography and, 232-33
 genetic effects of, 333
 hazards of, 330
 induced, micro-analysis and, 317
 injury from, 332
 treatment of, 332-33
 millicurie, definition of, 325-26
 nasopharynx and, 342-43
 neoplasms and, 191, 318-19
 of cervix uteri, 209-10, 211, 212
 of corpus uteri, 215
 disadvantages of, 212
 pneumoencephalography and, 232
 protection against, 330
 codes of, 330-31
 radioisotopes, 233
 definition of, 325
 roentgen, definition of, 324
 sinuses and, 342-43
 tissue dose, definition of, 324-25
see also Isotopes, radioactive; Radium; and X-ray
 Radiocardiography, 61-62
 Radium
 on asthma, bronchial, 348
 on cancer
 of cervix uteri, 209
 of corpus uteri, 215
 and common cold, prevention of, 342
 deafness and, 348
 measurement standard of, 326
see also Radioactivity
 Reproductive system
 conception, essentials for, 199
 diseases of, 199-216, 432-33
 endometriosis, 215-16
 menstrual, 202-6
 placenta previa, 225-27
 sterility, 199-202
 uterine, 207-16

Respiratory system
lymphatic structure of, 284
physiology of, 283-85
thin capillaries, structural safeguards of, 283

Respiratory system, diseases of, 271-85, 435-36
adenoma, bronchial, 282
aureomycin and, 273
carcinoma
diagnosis of, 281-82
pneumonectomy on, 281
diagnostic techniques, 283
infarction, pulmonary, 284
penicillin and, 271-73
pneumonias, 276-79
pneumoconioses, 282
streptomycin and, 273-76
streptothrycin and, 275
tuberculosis, 279-80
see also Allergy; Otolaryngology; Respiratory system; and Surgery, thoracic

Rh factor, 367-70

Rheumatic fever
γ-globulin and, 17
on heart, 64
hemolytic streptococcal infection and, 15-17
allergy and, 16
antihyaluronidase and, 16-17
mechanisms of, 15-16
penicillin on, 18

Rhinitis, allergic, antihistaminic drugs on, 160-62

Ribonucleic acid, vitamin B₁₂ and, 360

Rice diet
dangers of, 133-35
hypertension and, 128, 131, 133
low sodium diet and, 132-33
on nitrogen equilibrium, 134

Rickets, renal
and acidosis, renal, 117
phosphate metabolism and, 116

Rickettsia akari, rickettsial pox and, 28

Rickettsia burneti, Q fever and, 27

Rickettsial diseases, *see* Diseases, rickettsial

Rickettsiosis, and atypical pneumonia, 277

Rocky Mountain spotted fever
aureomycin on, 395
chloromycetin on, 395-96

Roentgenology
aortic arch anomalies and, 82-83
gastrointestinal diseases and, 35
and hypertension, pulmonary, 284
and neoplasms, laryngeal, 345
sinusitis and, 342-43
on sterility, 202
on tumors, cerebral, 240

Rose bengal, and liver function tests, 381

Rubella, maternal, on fetus, 227-29

S

Schizophrenia, brain blood flow and, 252

Schwartzman phenomenon, penicillin and, 174

Sciatica, 263-66
intervertebral disc syndrome and, 234-35
types of, 264
see also Disc, intervertebral

Shock, 287-300
afferent nervous factor of, 295
amino acids on, 294-95
and blood transfusions, intra-arterial, 293-94
blood volume estimation and, 287-90
electroencephalography and, 232
hemorrhage and, 287
on kidney, 295-97
p-aminohippurate and, 296
arteriovenous shunting and, 112
insufficiency, 296
Trueta shunt and, 297
tubular function and, 296
vasoconstriction and, 111-12

liver and, 294
and necrosis, bilateral cortical, 112-13
and nephroses, pigment, 113
oligemic, 290-91
corticoid excretion and, 290-91
symptoms of, 290

phosphate excretion and, 294

plasma substitutes and, 292-93

and sympathetic ganglia, blockage of, 295

and ulcer, peptic, 291-92
blood replacement and, 291-92
surgery and, 291-92

urine flow and, 294

see also Blood, volume of

Sickle cell disease, 365
diagnosis of, 382-83

Siderophilin, iron binding capacity of, 357

Sinus infection, antibiotics and, 340

Sodium
body requirement of, burns and, 299-300
determination, methods of, 384-85
on hypertension, 130
nephrotic edema and, 108
potassium and, 145
radioactive
heart disease and, 319
peripheral circulatory impairment and, 319
retention of, on cardiac edema, 62
rice diet and, 132-33

Sodium bromide, on epilepsy, 406

Sodium chloride
on hypertension, 128, 130, 133
desoxycorticosterone acetate regimen and, 128-29

Sodium chloride (*cont.*)
on hypertension (*cont.*)
 tetraethylammonium chloride floor and, 131
restriction of
 cation-exchange resins and, 134
 dangers of, 133-35
 water metabolism and, 130

Spinal cord, 234-35
 intervertebral disc syndrome and, 234-35
 traumatic myopathy and, 235
 see also Disc, intervertebral; Nerves; and Nervous system, diseases of

Splenectomy
 and anemia, hemolytic, 367
 hemorrhages and, 48

Sprue
 liver extract on, 363
 pteroylglutamic acid on, 363
 thymine on, 363
 vitamin B₁₂ on, 140

Staphylococci, penicillin and, 11, 12

Stenosis, aortic, 64

Stenosis, mitral, 85-87
 anastomosis and, 85
 atrial septal defects and, 85
 commissurotomy and, 86
 extracardiac shunt and, 85-86
 extracorporeal circulation and, 87
 hypertension and, 85
 ligation of inferior vena cava and, 86
 tricuspid valvulotomy and, 86
 valvuloplasty and, 86

Stenosis, pulmonary, 83-85
 Blalock-Taussig operation and, 83-84
 corrective techniques for, 84
 and foramen ovale, patent, 69

Sterility, 199-202
 and fertilization, time of, 199
 gonadotropin on, 201-2
 hormonal cycle, estrogen and, 201
 hyaluronidase on, 202
 and ovulation, time of, 200
 basal body temperature on, 200-1
 roentgen ray on, 202
 tubal occlusion and, 199-200
 trap door operation and, 200

Stilbamidine, and multiple myeloma, 192

Stillbirth, virus diseases and, 228-29

Stomach, diseases of, 37-45
 gastric secretion and, 37
 tumors, 44-45
 ulcers, peptic, 38-43

Streptococcal infection, hemolytic, 13-18
 antibiotics and, 17-18
 on glomerulonephritis, diffuse
 autogenous tissue antigens and, 98
 influenza viruses and, 98-99
 rheumatic fever and, 15-17
 suppurative phase of, acute, 14-15
 diagnosis of, 14
 nature of, 14

Streptococci
 and glomerulonephritis, diffuse, 97-98
 hemolytic
 bacteriology of, 13-14
 strain differences, biological, 13
 penicillin-resistance and, 273

Streptomycin
 anemia due to, 364
 bacterial resistance to, 10
 brucellosis and, 21
 dihydrostreptomycin and, 6
 dosage of, 275
 on empyema, subdural, 235-36
 on meningitis, tuberculous, 236-37
 on normal flora, 11
 on pleural cavity, 272-73
 on pneumonia, 274
 respiratory diseases and, 273-76
 toxicity of, 6, 174, 275
 on tuberculosis, 273-74, 275, 395
 bacterial resistance and, 274
 and resection, pulmonary, 279
 see also Dihydrostreptomycin

Streptothrycin, respiratory diseases and, 275

Sulfonamides
 and anemias, hemolytic, 366
 bacterial resistance to, 10
 brucellosis and, 21
 on common cold, 341
 fungus diseases and, 272
 and glomerulonephritis, diffuse, 103
 on hemolytic streptococcal infection, 17
 on meningitides, purulent, 236
 mixtures of, 339-40
 on normal flora, 11
 otolaryngology and, 339

Sulfur, radioactive, and labeled chemicals, 329

Surgery, thoracic, 281-82
 decortication, 281
 lobectomy, methylene blue and, 281
 pneumonectomy, 281

Surital, anesthesia and, 314

Sympathectomy
 effects of, 90
 hypertension and, 72
 evaluation of, 89
 therapeutic role of, 88-89
 patient selection for, 89-90
 peripheral vascular diseases and, 91
 evaluation of, 92

Synovectomy, arthritis and, 262

Syphilis
 of larynx, 351-52
 and neoplasms, mouth, 344
 nephrosis and, 110
 and nervous system, central, penicillin on, 348

T

Tachycardia, paroxysmal, remedies for, 65

Temperature
bodily reaction to, 436
see also Burns

Testosterone
on endometriosis, 216
on menstruation, 206

Tetraethylammonium bromide
heart failure and, 63
ischemia and, 114

Tetraethylammonium chloride
on eclampsia, 221
dosage of, 402
gastrointestinal diseases and, 403
on hypertension, 73, 402
hypotension due to, 402
pain and, 403
properties of, 402
side effects of, 402, 403
on toxemia of pregnancy, 220

Thalassanemia, 365-66

Thenylene, *see* Histadyl

Theophylline isopropanolamine, heart failure and, 63

Thephorin
allergy and, 153-75, 399
on bee sting, 163, 400
on cardiovascular system, 160
on cold exposure, 165
toxic reactions to, 166
see also Drugs, antihistaminic

Therapeutics, 391-413, 438-40

Thiocyanates
on hypertension, 72-73
and iodine, binding of, 318

Thiomerin
lethal dosage of, 410-11
properties of, 410

Thiourea, on Graves' disease, 393

Thorotrast
anemia due to, 364
on brain abscess, 237

Throat
diseases of, 339-52
see also Otolaryngology

Thymidine, vitamin B₁₂ and, 360

Thymine
on anemia, 392
pernicious, 359
on sprue, 363

Thymol, turbidity of, liver function tests and, 380

Thyroid
antithyroid drugs and, 318
cancer of, and radioactive iodine, 322, 380
Graves' disease
and iodine, radioactive, 321-22
treatment of, 392-94
hypothyroidism, radioactive iodine and, 394

Thyroid (*cont.*)
iodine clearance of, 318
and isotopes, radioactive, 317-18
tests of, 378-80
and iodine, protein-bound, 379
and iodine tracers, radioactive, 379-80
metabolic rate and, 378
serum cholesterol level and, 378
urine pigment excretion and, 380
thiocyanate blocking and, 318

Thyrotoxicosis, *see* Graves' disease

Toluidine blue, on radiation injury, 332

Toxemia of pregnancy, 220-21
and anesthesia, spinal, 221

tetraethylammonium chloride on, 220
veratrum viride on, 220, 221

Toxicology, 391-413, 438-40

Transfusions, blood, *see* Blood, transfusions

Tridione
anemias due to, 364
on epilepsy, 406
side effects of, 407

Trimeton
allergy and, 153-75, 399
stability of, 160
see also Drugs, antihistaminic

Tuberculosis, 279-80
p-aminosalicylic acid on, 276
antihistaminic drugs on, 164
aureomycin on, 273
BCG vaccine on, 280-81
of bone
amputation and, 259
arthrodesis and, 259-60
collapse therapy and, 279-80
emphysema and, 284-85
of larynx, 351-52
promin on, 275
sputum conversion and, 280
streptomycin, on, 273-74, 275, 395
bacterial resistance and, 274
and resection, pulmonary, 279

Tularemia, pleuropulmonary, streptomycin on, 274

Typhoid fever, chloromycetin on, 396

Typhus, chloromycetin on, 395

U

Ulcers, peptic, 38-43
anion-exchange resins and, 401
antacids and, 400-1
bilateral vagotomy and, 40-41
diagnosis of, 38
dumping stomach and, 40
etiology of, 38
and gastrectomy, subtotal, 40
hemorrhage and, 42-43
incidence of, 38
malignancy, symptoms of, 38-39
medical management of, 38-39
perforations and, 43

SUBJECT INDEX

Ulcers, peptic (*cont.*)
 perforations and (*cont.*)
 medical treatment of, 43
 surgical treatment of, 43
 recurrence of, 39
 prevention of, 39-40
 surgery and, 44
 shock and, 291-92
 surgical management of, 40-42

Undulant fever, *see* Brucellosis

Urea, on meningitides, purulent, 236

Uremia
 treatment of, 117-18
 see also Kidneys, diseases of

Urethane, leukemia and, 191

Urticaria, antihistaminic drugs on, 162

Uterus
 cancer of
 body, 213-15
 cervix, 207-13
 inertia of, 225
 methergine on, synthetic, 405
 see also Cervix uteri; and Corpus uteri

V

Vaccine, BCG, on tuberculosis, 280-81

Vagotomy
 bilateral, peptic ulcers and, 40-41
 gastrectomy and, 41
 gastroenterostomy and, 41

Varicella, maternal, on fetus, 228

Venesection, heart failure and, 63

Veratrum viride
 on hypertension, 73, 411
 on toxemia of pregnancy, 220, 221

Virus diseases, *see* Diseases, virus

Viruses
 aureomycin on, 273
 carcinogenesis and, 183, 188-89, 343-44
 influenza, streptococci and, on diffuse
 glomerulonephritis, 98-99
 lipoid nephrosis and, 109-10
 red cell agglutination by, 25

W

Viruses (*cont.*)
 respiratory, isolation of, 25-27
 see also Diseases, virus

Vitamin B₁₂, 137-40
 absorption of, 138-39
 Addisonian neuropathy and, 361
 allergy and, 138
 anemia and, 391-92
 macrocytic, nutritional, 139
 macrocytic of pregnancy, 139-40
 megaloblastic, 361
 megaloblastic of infancy, 140
 pernicious, 137-39, 360
 cobalt and, 360
 hematopoiesis and, 360-61
 and liver, extracts of, 139, 392
 pteroylglutamic acid and, 360
 ribonucleic acid and, 360
 on sprue, 140
 thymidine and, 360

Vitamin C, and sickle cell disease, diagnosis of, 383

Vitamin D, renal insufficiency and, 117

Vitamin K, and liver function tests, 381

Vitamin P, on radiation injury, 332

Vividialysis
 artificial kidney and, 118
 peritoneal lavage and, 118

X

X-ray
 angiography and, 232
 on brain tumors, 241
 burns, 298
 on cancer, of corpus uteri, 215
 on endometriosis, 216
 see also Radioactivity

Z

Zinc, radioactive, 321

Zinc sulfate, and liver function tests, 381

